

# Temporaries



Version: 1.0.0

Revision 1 (October 2021)

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# 1 Introduction

## 1.1 Medit Temporaries Overview

With Medit Temporaries, create temporary crowns in less than a minute using pre-op scan data or both pre-op and preparation data.

Design crowns in just a few clicks with the program's user-friendly interface. Use various tools to adjust the inner and outer surface of the restorations. Incorporate Medit Temporaries seamlessly into your everyday workflow even without any prior CAD experience.

Crowns designed via Medit Temporaries can be optimized for both 3D printing and milling.

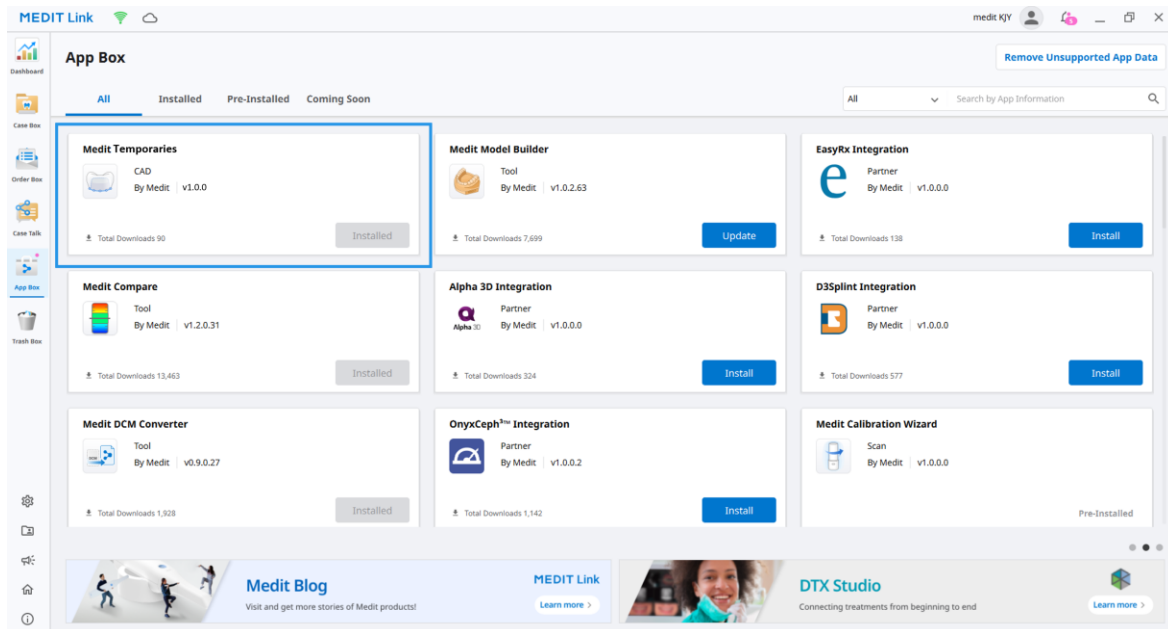
You can run Medit Temporaries from both clinic and lab accounts in Medit Link.

## 1.2 System Requirements

	Laptop	Desktop
<b>CPU</b>	Intel Core i5 2.6 GHz or higher	
<b>RAM</b>	16 GB or higher	
<b>Graphics</b>	NVIDIA GeForce GT 760 2 GB (or equivalent AMD video card) or higher	
<b>OS</b>	Windows 8 64-bit or higher (Unavailable in 32-bit)	

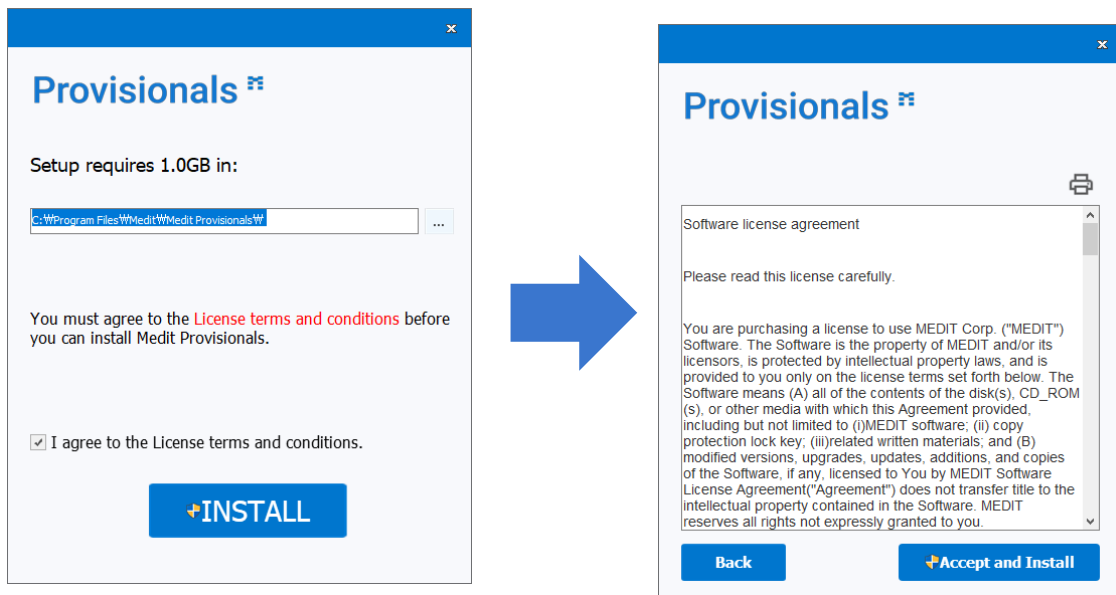
## 1.3 Installation Guide

- ① Log in to your Medit Link account and go to App Box.
- ② Find the “Medit Temporaries” app and click on the “Install” button.

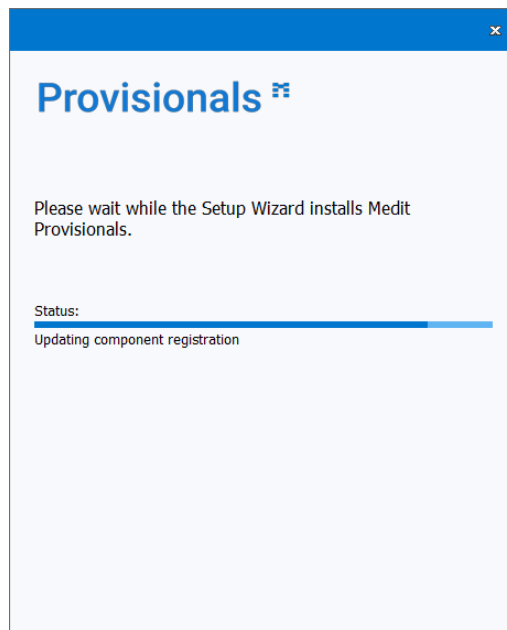


Once the download is complete, the Medit Temporaries installer will be run automatically.

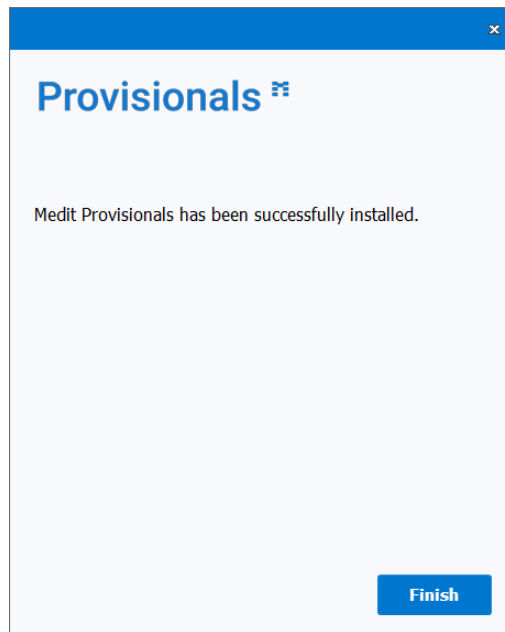
- ③ Read and agree to the License Terms and Conditions.



- ④ It may take several minutes to finish the installation process. Please do not turn off the PC until the installation is complete.



- ⑤ Press “Finish” to complete the installation.



- ⑥ Restart Medit Link.

## 2 Data Management

### 2.1 Acquiring Data

Medit Temporaries uses 3D scanned data to create temporary restorations.

Utilize data scanned in Medit Scan for Clinics, Medit Scan for Labs, or data attached to the Medit Link case.



Use the “Solid” option when scanning data using Medit Scan for Labs.

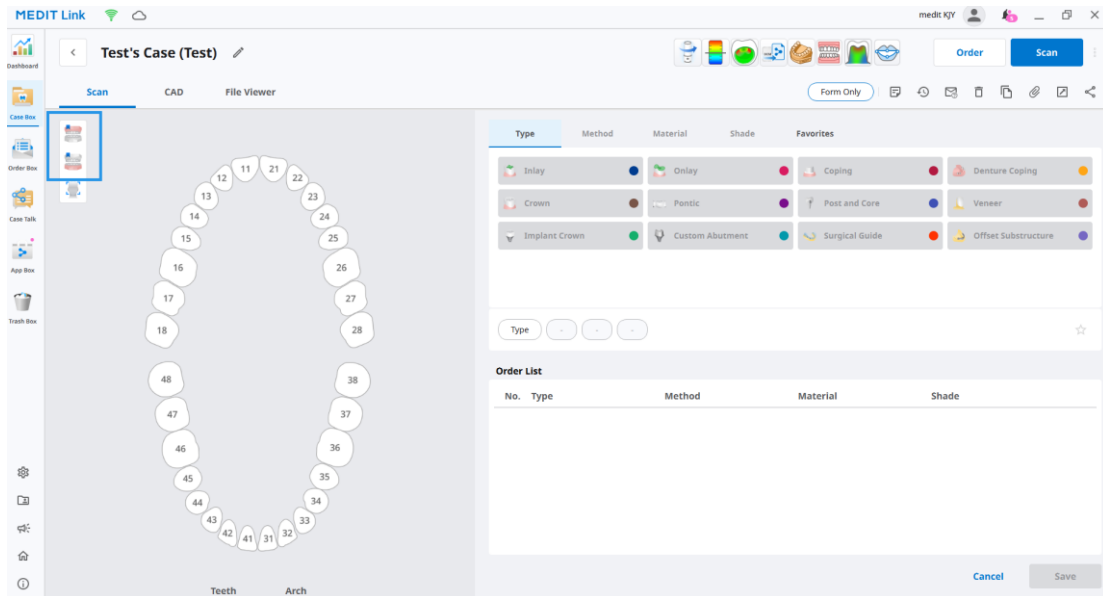


Make sure that the data of the tooth you are making a crown for (both pre-operation and prepared data) has no major holes. When feasible, use the “Fill Hole” function when finishing scanning.



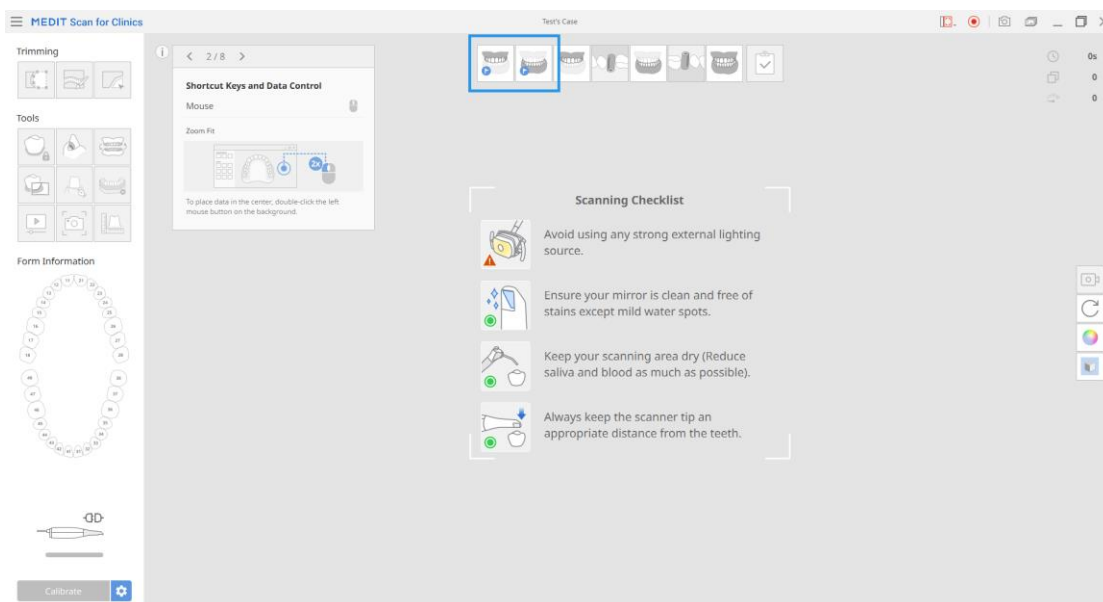
The program consists of two modules that differ based on the data you have acquired in the Medit Scan applications. However, both modules require pre-operation data.

To acquire pre-operation data, as well as prepared data, make sure to turn on the "Pre-Op for Maxilla" or "Pre-Op for Mandible" option in your Medit Link case before scanning in both lab and clinic accounts.



< Clinic Account >

After turning this option on, you will see that the pre-operation stages appear in the scanning program.



< Medit Scan for Clinics >

## 2.2 Running Medit Temporaries from Medit Link

- 1 Go to the Case Box (clinic account) or Work Box (lab account) and choose the case you would like to work on.



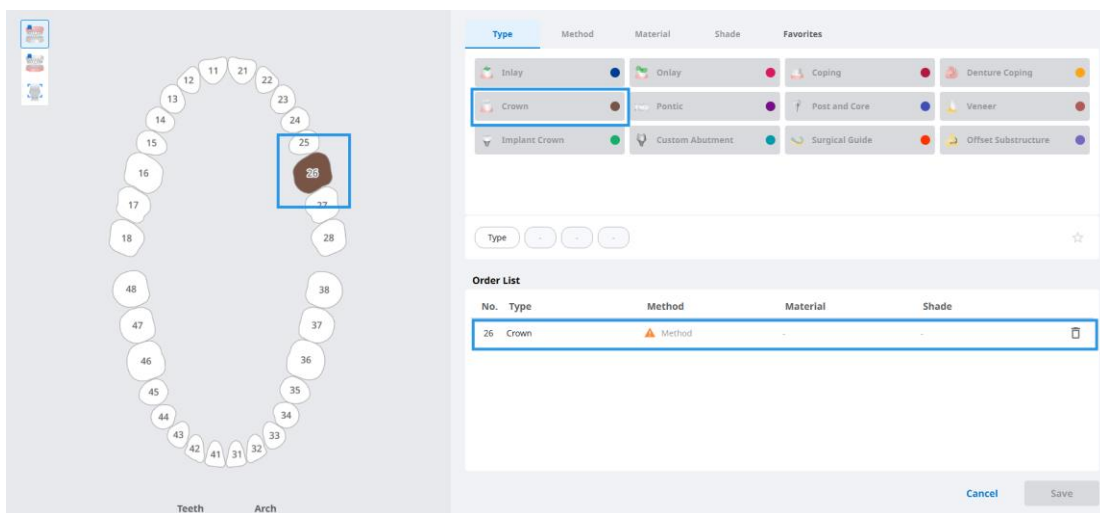
The case must have 3D data scanned or attached to it.



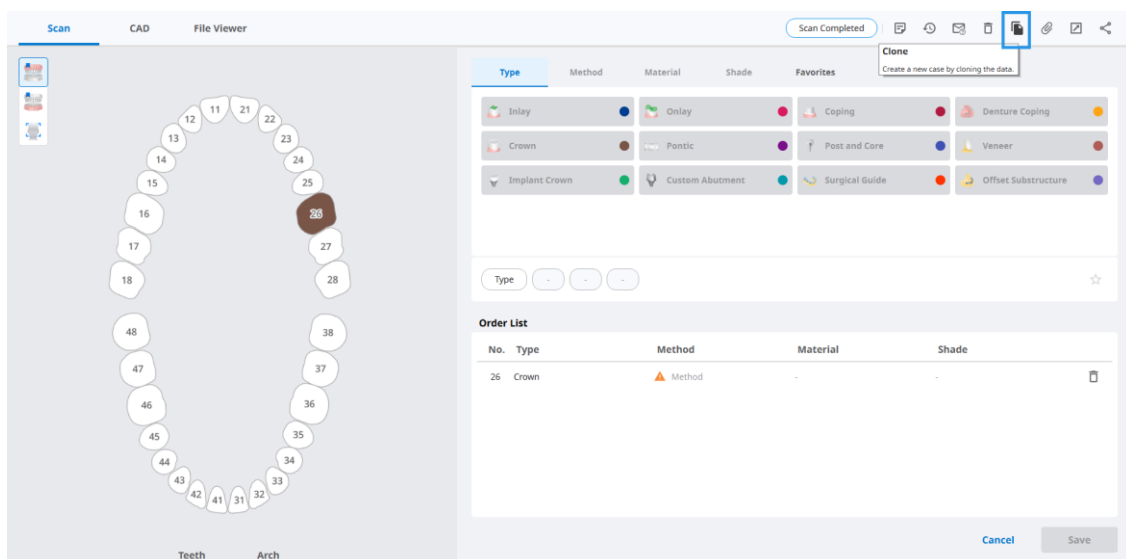
The case form must have a “Crown” type product selected in the form.




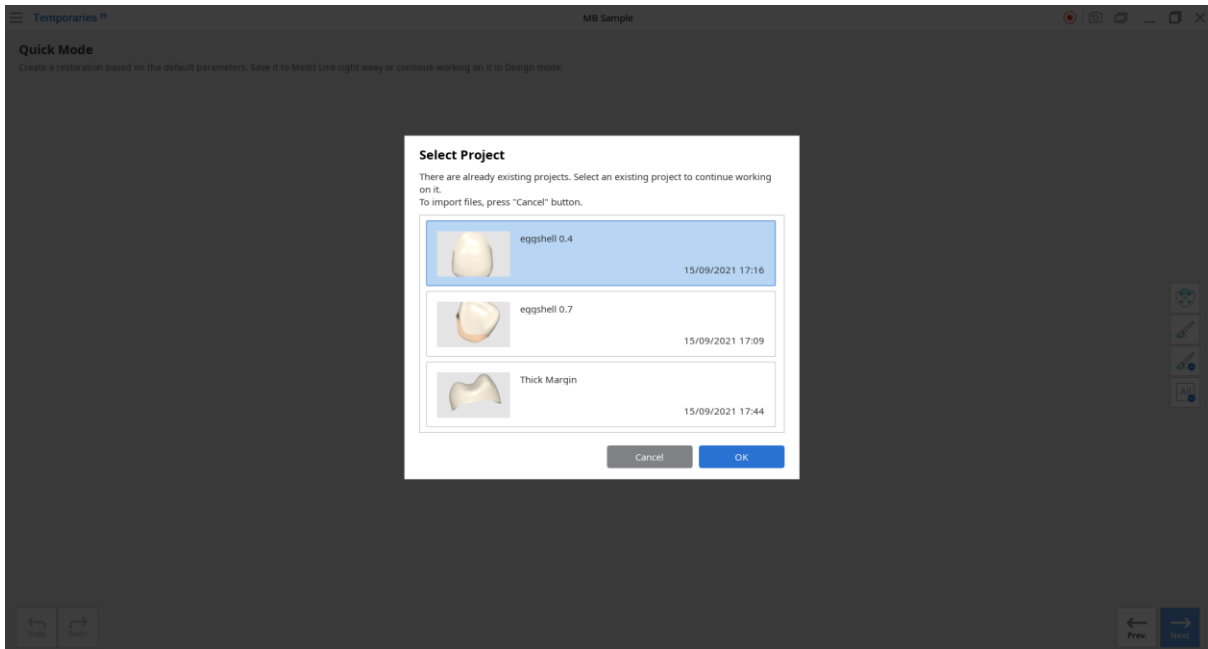
Medit Temporaries v1.0 only supports working on a single crown at a time; therefore, only one crown can be registered in the form.



If necessary, clone the case (data only) and create a new form to run the app.






- ② Press the  icon in the upper right corner of the "Case Detail" window in Medit Link.
- ③ If there are projects you previously created in the program, choose any of them to continue. You can create a new one by pressing "Cancel."

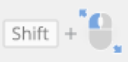
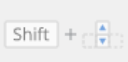

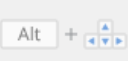

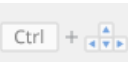


## 2.3 3D Data Control

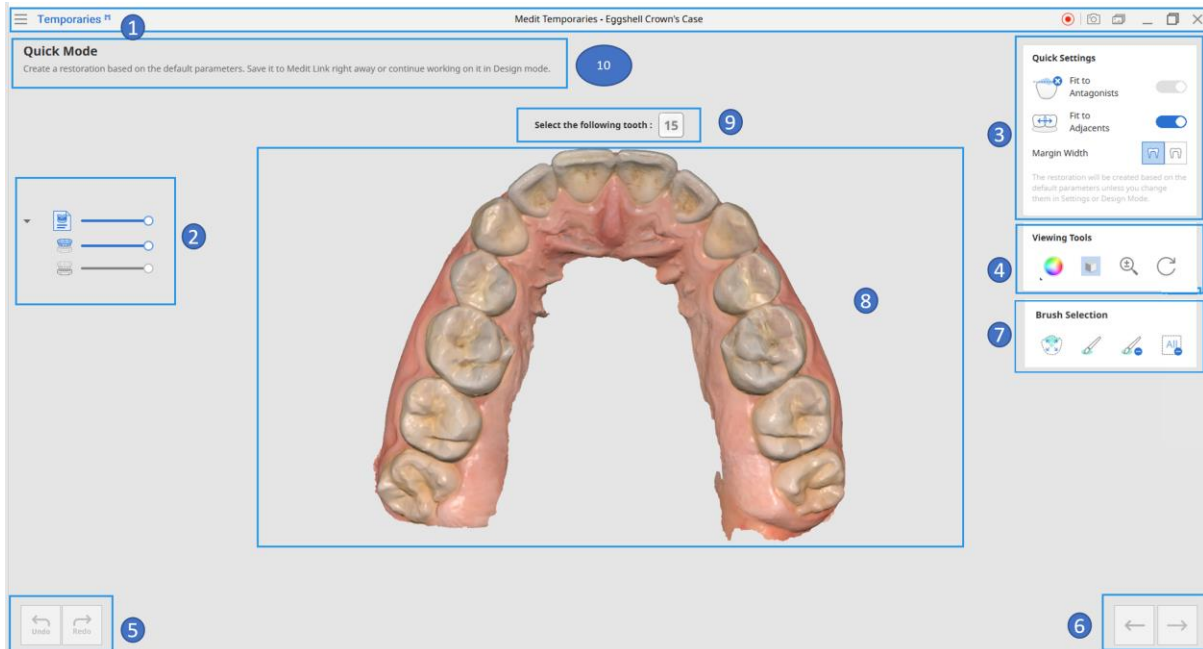
3D data control using mouse:

Button	Action	Use	Image
Wheel	Drag	Moves the data in view screen.	
	Scroll	Zooms in/out the data in view screen.	
Right	Drag	Rotates data in view screen.	

3D data control using mouse and keyboard buttons:

Button	Action	Use	Image
Shift	Left Click and Drag	Zoom in/out	
	Up and Down Keys		
Alt	Left Click and Drag	Rotate	
	Up, Down, Left and Right Keys		
Ctrl	Left Click and Drag	Move	
	Up, Down, Left and Right Keys		

### 3 User Interface



- 1. Title Bar
- 2. Data Tree
- 3. Toolbox / Quick Settings
- 4. Viewing Tools
- 5. Undo/Redo
- 6. Previous/Next
- 7. Selection Tools
- 8. 3D Data
- 9. Usage Tips
- 10. Mode Description

### 3.1 Title Bar

The Title Bar consists of the following options:

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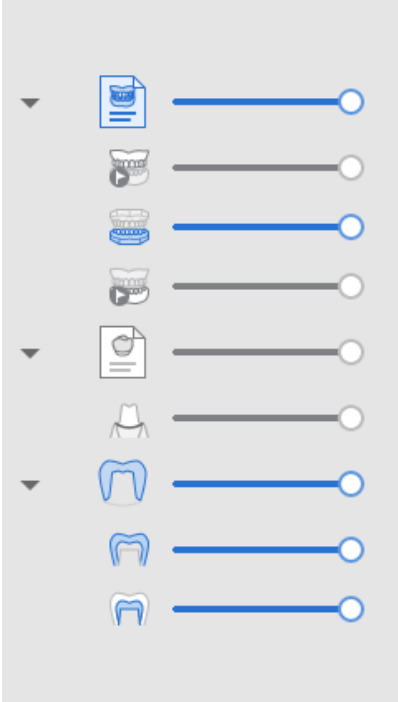

Menu	Open menu. It includes tools to manage the program and shows the details of application.
Help Center	Open Help Center page. It contains various information about using Medit Temporaries.
Start Video Recording	Start video capture.
Screenshot	Capture the screen.
Screen Capture Image Manager	Manage the captured screen images
Minimize	Minimize the application.
Maximize or Restore	Maximize or restore the application.
Exit	Terminate the application.

---

### 3.2 Data Tree

The Data Tree is located on the left side of the screen.

---

Temporary Module		<p>Scan Data</p> <ul style="list-style-type: none"><li>● Maxilla/mandible (the data of the arch you are currently working on)</li><li>● Pre-operation data for maxilla and/or mandible</li></ul> <p>Reference Data</p> <ul style="list-style-type: none"><li>● Margin line</li></ul> <p>Restoration</p> <ul style="list-style-type: none"><li>● Outer surface</li><li>● Inner surface</li></ul>
Eggshell Module		<p>Scan Data</p> <ul style="list-style-type: none"><li>● Maxilla</li><li>● Mandible</li></ul> <p>Reference Data</p> <ul style="list-style-type: none"><li>● Margin line</li></ul> <p>Restoration</p> <ul style="list-style-type: none"><li>● Outer surface</li><li>● Inner surface</li></ul>

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
You can easily control data viewing options by hiding, showing, or changing the transparency one by one or as a group.

### 3.3 Toolbox

Toolboxes contain all major tools and exist to assist the design process.

### 3.4 Viewing Tools

Viewing Tools contains useful tools to view and analyze data.

Data Display		
	Change Data Display Mode	Change the data display mode.
	Grid Settings (mm)	Show or hide the grid, and control its position in relation to the model (overlay on/off).
Touch Screen Options		
	Zoom In/Out	Zoom model in/out.
	Rotate	Rotate model.
Data Analysis		
	Show/Hide Contact Areas with Antagonists	When on, this function shows overlapping areas of the restoration and the antagonists. Turn on when sculpting the outer surface of the restoration to check the occlusion.
	Show/Hide Contact Areas with Adjacent	Turn on to show overlapping areas between restoration and adjacent. Use while sculpting the outer surface of the restoration to add or remove material to ensure optimal fitting.  *Only available in Temporary Module.
	Show/Hide Minimum Thickness	Turn on to see the thin areas on the restoration. Use while sculpting to make sure that the restoration is not too thin to print/mill.

### 3.5 Undo/Redo

The undo/redo buttons are located at the bottom left corner of the screen.

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Undo Undo the previous action.

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Redo Redo the previous action.

---

### 3.6 Previous/Next

The previous/next buttons are located at the bottom right corner of the screen.

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Previous Go back to the previous step.

---





Next Apply the changes and move to the next step.

---

## 4 Major Functionality

### 4.1 Modules in Medit Temporaries

Medit Temporaries consists of two modules. Use the appropriate module based on your data to design your crowns.

Module	Required Data	Description
 Eggshell Module	Pre-Operation Data	The Eggshell Module uses the pre-operation data to create eggshell-type single crowns. The inner surface is created without considering preparation.
 Temporary Module	Pre-Operation Data + Prepared Data	The Temporary Module uses both pre-operation and prepared data to create temporary single crowns. The inner surface is created based on the preparation.

When launching the program, you will be able to select which module to work in and can assign the data accordingly.

- For the Eggshell Module, assign data as maxilla or mandible.

**Assign Data**

Select Module

**Eggshell-type Crown**

Create an eggshell-type crown based on the pre-operation data.



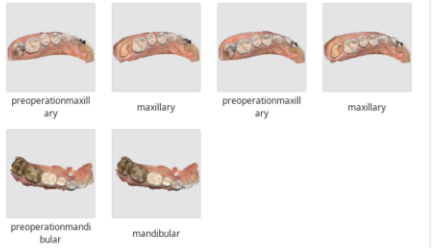
**Temporary Crown**

Create a temporary crown using both pre-operation and prepared data.



Data

Local Files



Maxilla

→

←

Mandible

→

←

Cancel

Confirm

- For the Temporary Module, assign and categorize data into pre-operation, prepared, and antagonist.

**Assign Data**

Select Module

**Eggshell-type Crown**

Create an eggshell-type crown based on the pre-operation data.



**Temporary Crown**

Create a temporary crown using both pre-operation and prepared data.



Data

Local Files



Pre-Operation

→

←

Prepared

→

←

Antagonist

→

←

Cancel

Confirm

## 4.2 Modes in Medit Temporaries

Medit Temporaries consists of two modes: Quick Mode and Design Mode.

---

Quick Mode	Quick Mode offers a basic workflow to design a restoration. Select corresponding tooth area, create margin line, and examine the crown before saving it. If the crown created in the Design Mode does not require additional alterations, you can save it to Medit Link right away. Working in Design Mode is optional.
Design Mode	Design Mode offers a variety of tools for editing the outer surface (adaptation or sculpting) and adjusting the parameters of the inner surface.

---





## 4.3 Data Sculpting

One of the key features of Medit Temporaries is data sculpting. The functionality is same in both modules.

Sculpting allows you to change the shape of the outer surface by changing the position or the amount of material on the restoration. Adjust brush size and strength for each of the tools.


Medit Temporaries v1.0 offers four sculpting tools.

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	Add	Add material to the restoration. Hotkey: 1
	Remove	Remove material from the restoration. Hotkey: 2
	Smooth	Smooth parts of the restoration. Hotkey: 3
	Morph	Morph the material on the restoration by dragging it with your mouse. Hotkey: 4

---

Use the hotkeys to save time during the sculpting process.

Function	Hotkey
Extra Strength	Alt + 1: Stronger "Add." Alt + 2: Stronger "Remove."  Make brush size smaller and utilize Alt + 2 to design grooves.
Flatten	Alt + 3 ("Smooth")
Z-Axis Morphing	Alt + 4 ("Morph")
Brush Strength	Alt + mouse wheel
Brush Size	Ctrl + mouse wheel



Eggshell-type crowns that are automatically created in Quick Mode usually do not exceed 1.0 mm in thickness. The thickness changes as you alter the inner surface by adjusting the insertion path or altering the outer surface via sculpting/adaptation.



Understanding the settings of the hardware you are using is essential for printing and milling the restoration. Check the instructions carefully and determine the minimum thickness allowed for a restoration to get printed and not break. Therefore, be careful when removing or smoothing the restoration, as it affects its thickness.





## When to Use Sculpting Tools

Sculpting tools help change the shape of the restoration and help make the restoration fit comfortably between the adjacent teeth.

- Make the arch scan data visible in the Data Tree on the left side of the screen to reference the scan data. You can adjust its visibility to view how the restoration will fit.



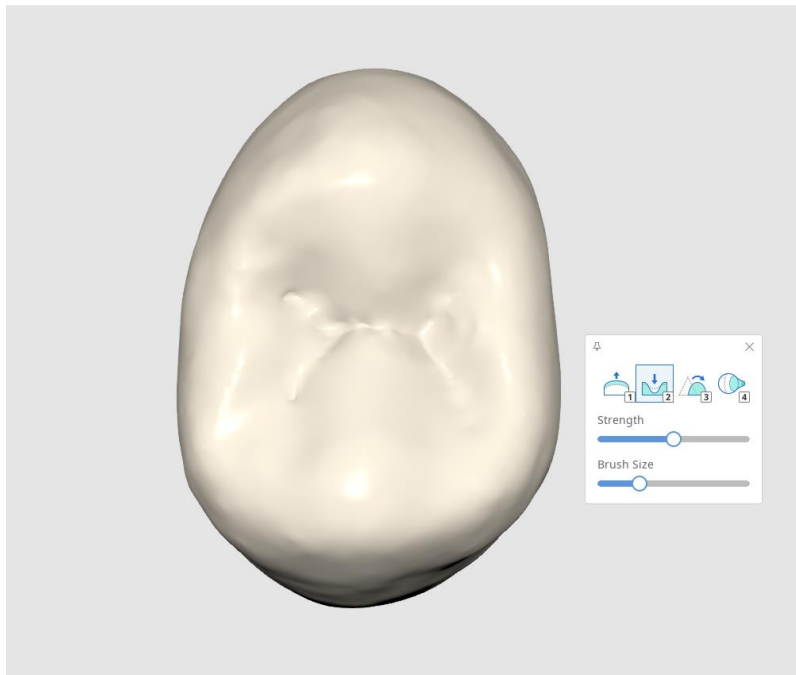
- Use “Add”  1 or “Remove”  2 when adjusting the contact points of the restoration. Turning on “Show/Hide Contact Areas with Adjacents” (only available in Temporary Module)




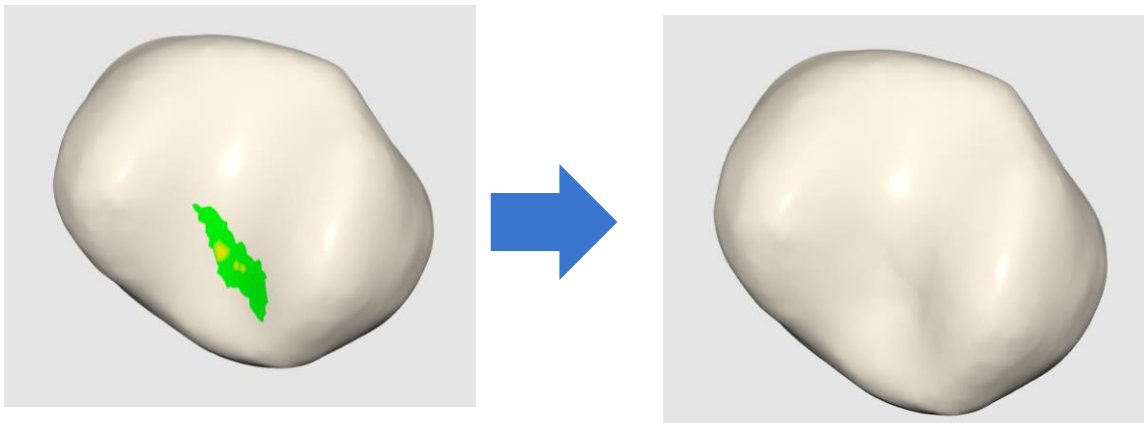
in the Viewing Tools might be necessary to see alterations.





- Use “Remove” to add grooves to the restoration. Press “Alt” to increase the strength.

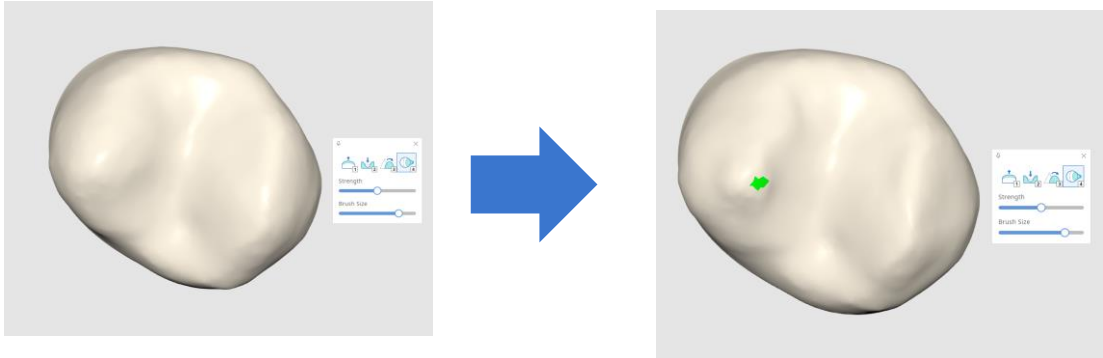


- Use “Remove” to manually remove overlaps with the antagonists. Turn on “Show/Hide Contact Areas with Antagonists”  in the Viewing Tools to view which parts should be removed.



- Use “Smooth”  3 to smooth over rough parts where removals are not necessary or to add finishing touches at the end of the design process.

- Use “Morph”  4 to move larger parts of the anatomy.

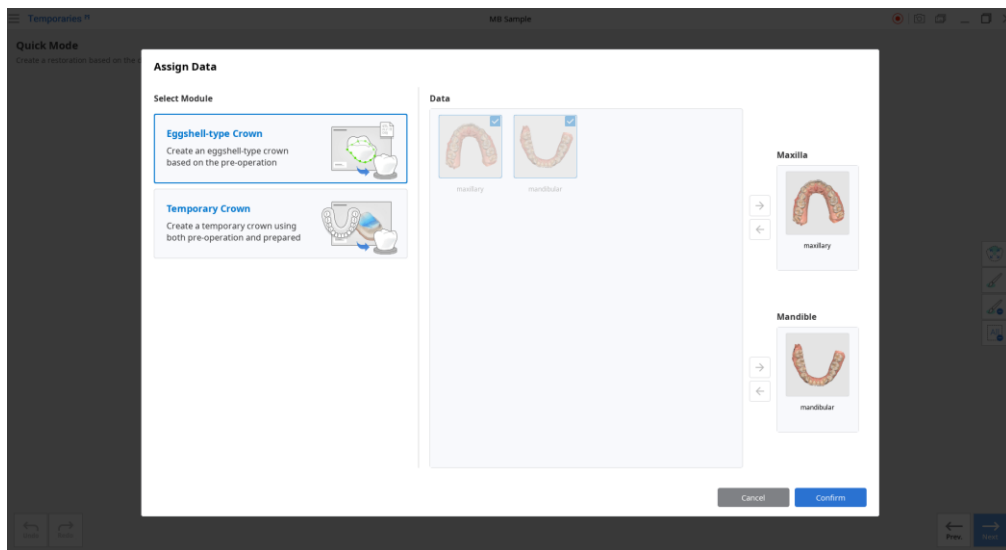


## 5 How to Design Eggshell Crowns (Pre-Op Data)

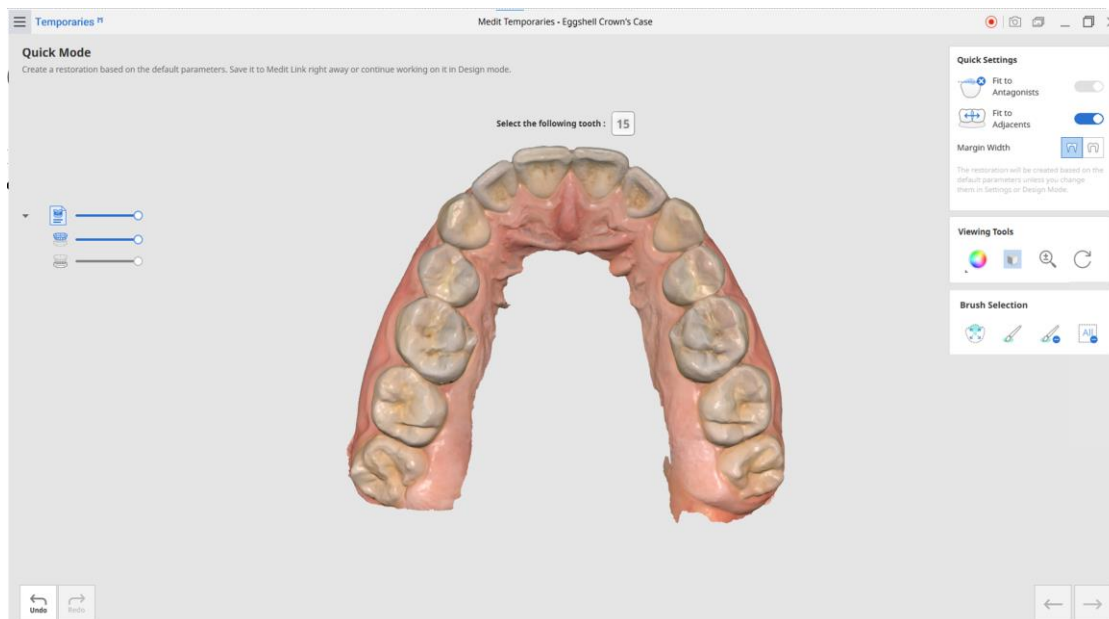
### 5.1 How to Design Eggshell Crowns in Quick Mode

Only pre-operation data is required to design an eggshell-type crown.

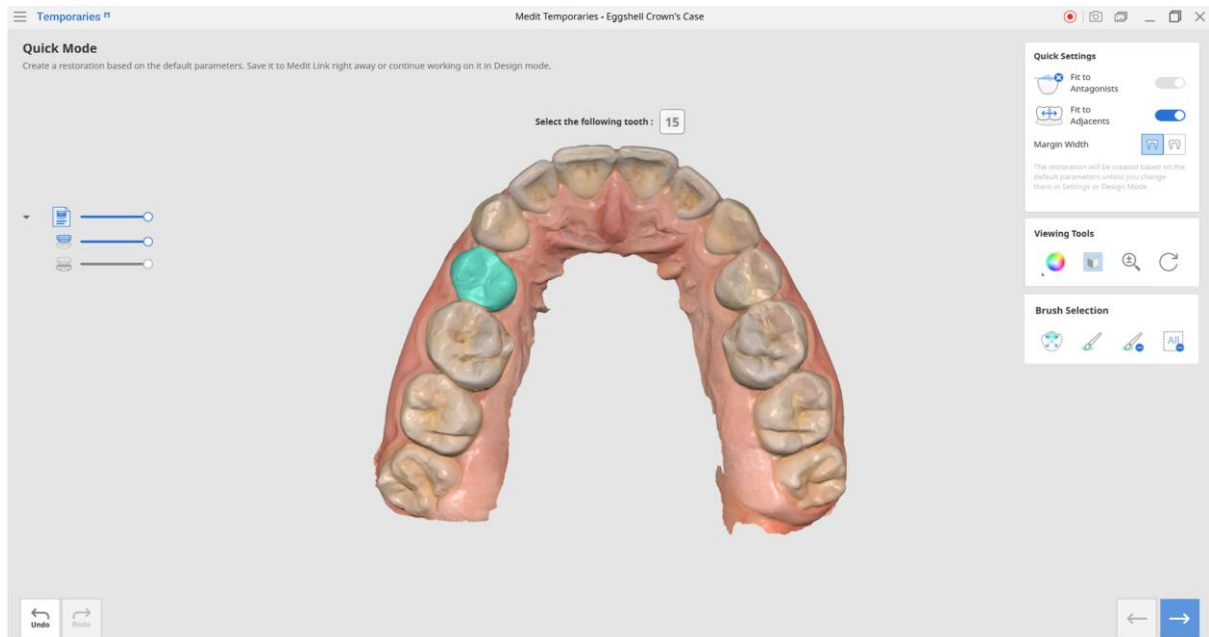
- ① Confirm that the form in Medit Link is filled in correctly.
- ② Choose “Eggshell-type Crown” in the Assign Data dialogue window.
- ③ Assign data and press “Confirm.”








- ④ The scan data will be displayed on the screen.






⑤ Click to select the tooth you want to create a crown for.



If needed, utilize the various Area Selection Tools located on the right side of the screen.

	<b>Smart Single Tooth Selection</b>	Automatically select the area of the tooth. Click and drag the mouse on the tooth.  This function is automatically enabled during this step of the process.
	<b>Brush Selection</b>	Select the area using a brush.
	<b>Brush Deselection</b>	Deselect the area using a brush.
	<b>Clear All Selection</b>	Clear all selection.

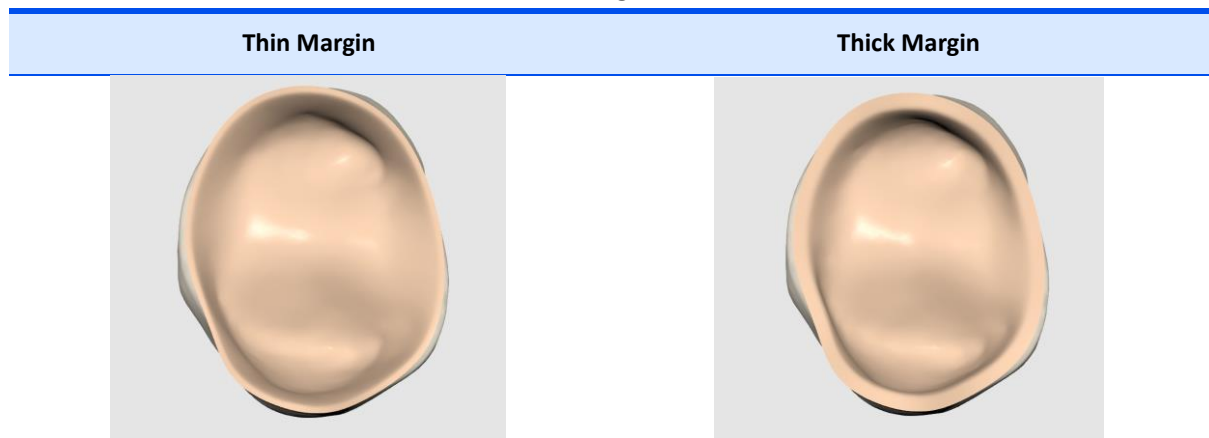
- ⑥ The Quick Settings are located at the top right corner of the screen. Using Quick Settings helps decrease the time spent on manual editing of the restoration.

	Fit to Antagonists	Use this option to cut all intersections of the restoration with its antagonist (0.2 mm). You can perform more precise adjustments in Design Mode by entering a specific value.
	Fit to Adjacent	Use this option to fit the outer surface to the adjacent. This is a useful tool that expands the restoration, so that the space between the crown and adjacent is minimized.
	Margin Width	<b>Thin Margin:</b> Choose this option to create a restoration with a thin margin line (0.2 mm). Go to Design Mode to access more inner surface parameters. <b>Thick Margin:</b> Choose this option to create a restoration with a thick margin line (0.5 mm). Go to Design Mode to access more inner surface parameters.



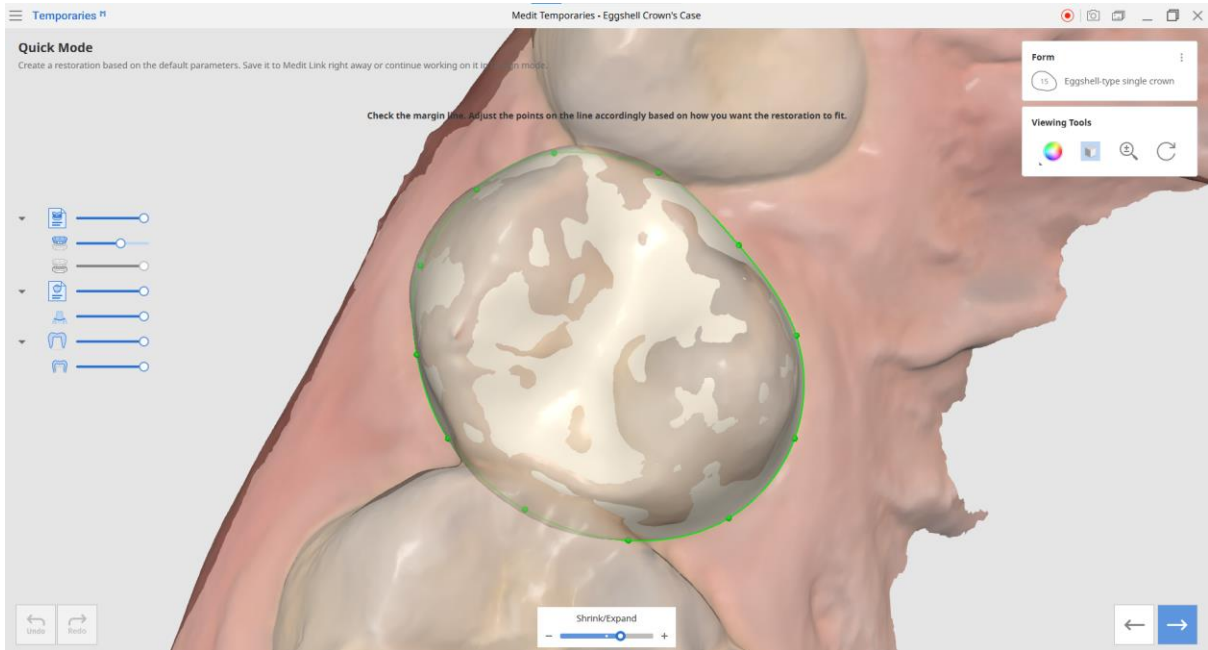
The restoration will be created based on the default parameters unless you change them in Settings or Design Mode.

Observe the difference between thin and thick margin lines below.

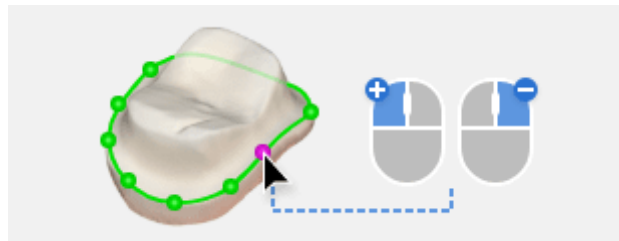


- ⑦ Press "Next" to continue.

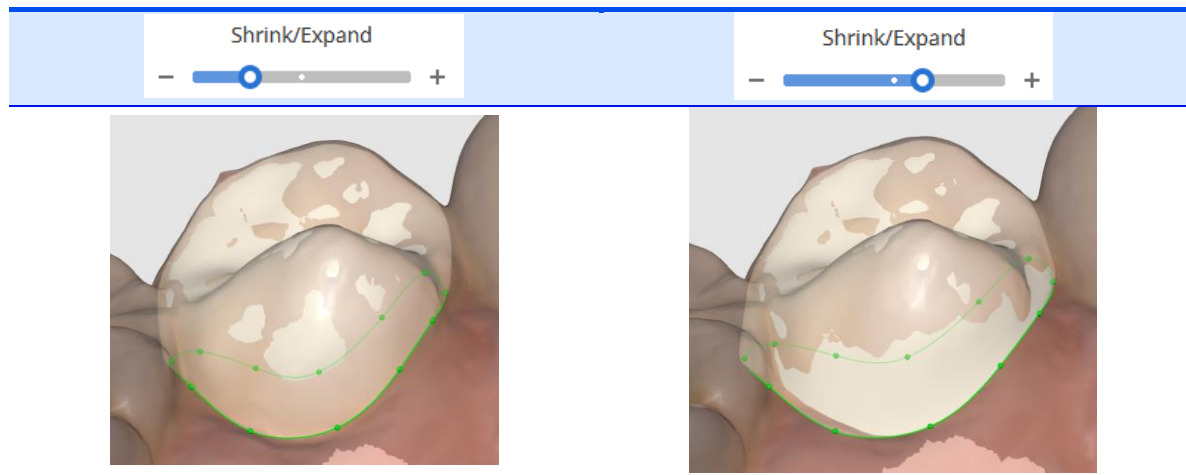
- ⑧ This takes you to the margin line editing step. The margin line will be created automatically. After examination, correct if necessary.



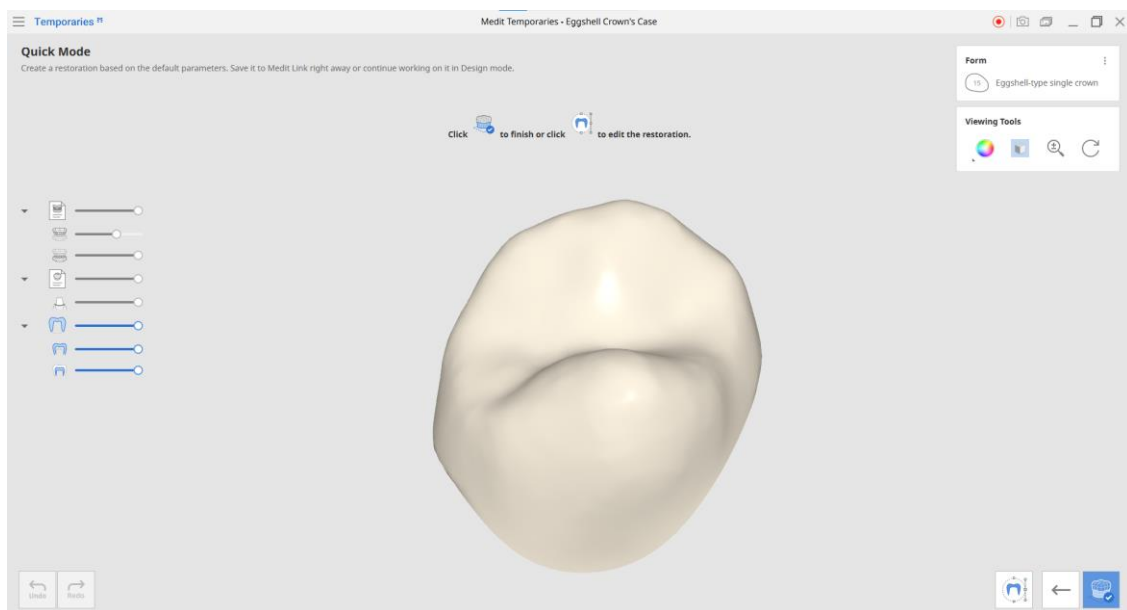
- ⑨ Move, add, or delete points using your mouse. Left-click to add points, right-click to delete points.



- ⑩ At the bottom of the screen, you will see “Shrink/Expand” slider. Use “+” and “-” buttons to adjust the size of the margin line. By default, the program will create a slightly bigger margin line.



- ⑪ Click “Next” to see the restoration ready.



- ⑫ Either save it to the Medit Link case or continue working on it in Design Mode. The following buttons are located at the bottom right corner of the screen.



Design Mode

Utilize various tools to design the outer and inner surfaces of the restoration before saving it to Medit Link.

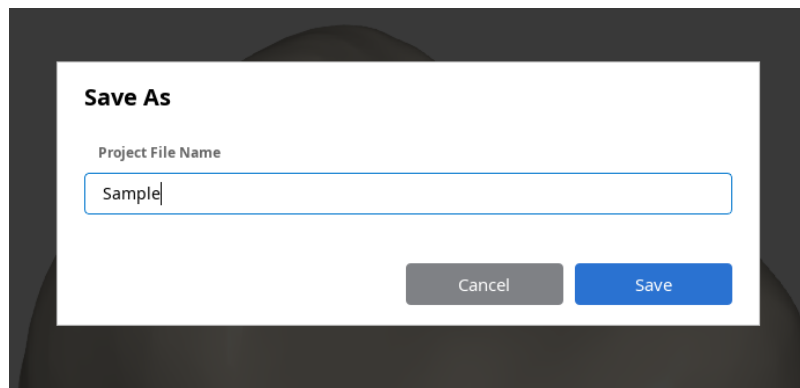


Complete

Complete the design process and save the restoration to Medit Link.

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- ⑬ Click “Complete” to save the restoration and project file to Medit Link.

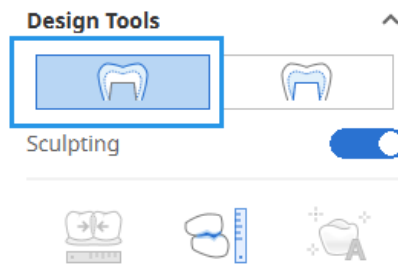


## 5.2 How to Design Eggshell Crowns in Design Mode

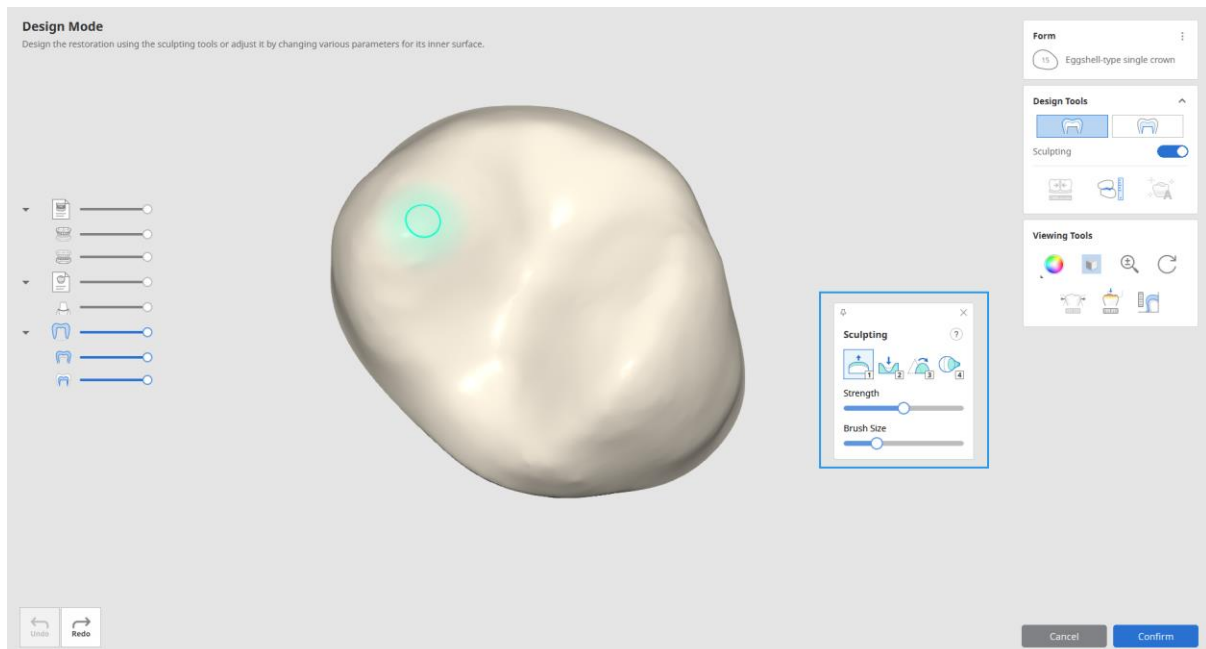
Design the restoration using the sculpting tools or adjust it by changing various parameters for its inner surface.

### 5.2.1 Designing the Outer Surface

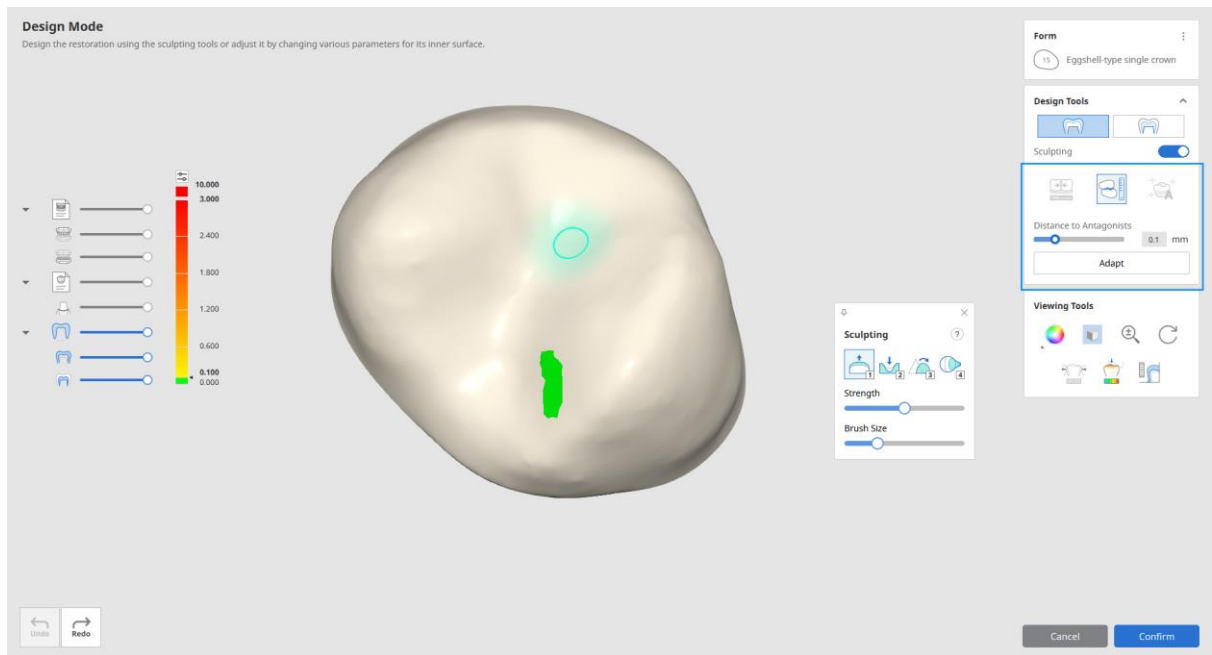
- ① The Design Tools on the right side of the screen offer functionality to alter the outer surface of the restoration.




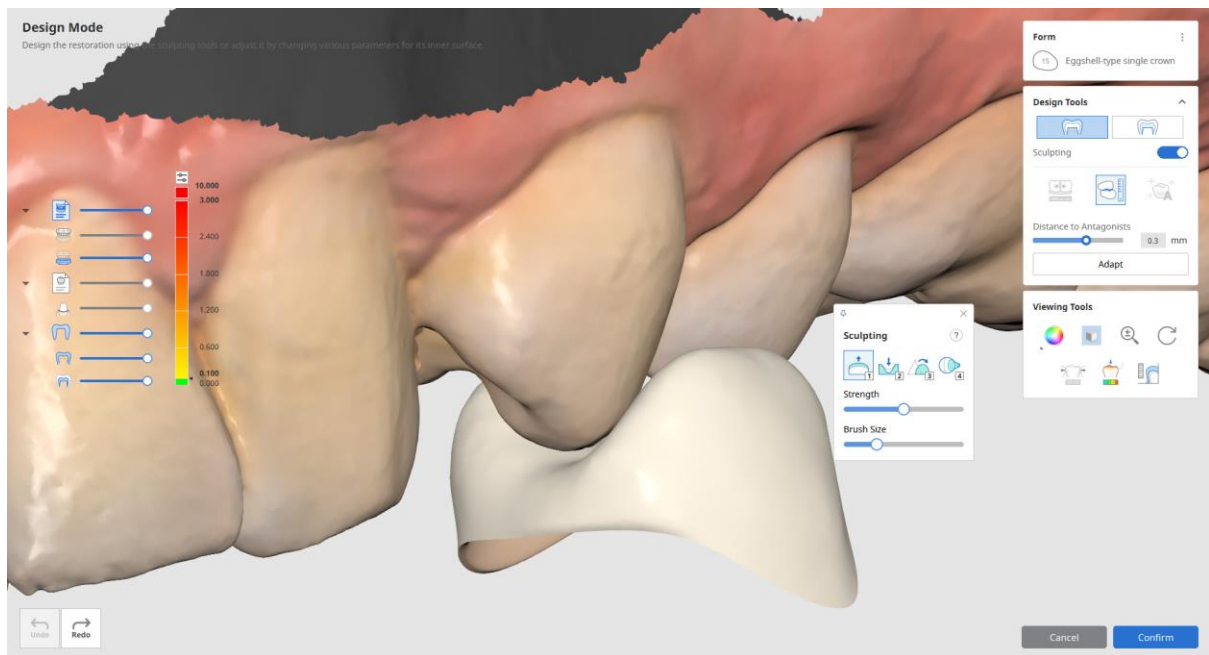
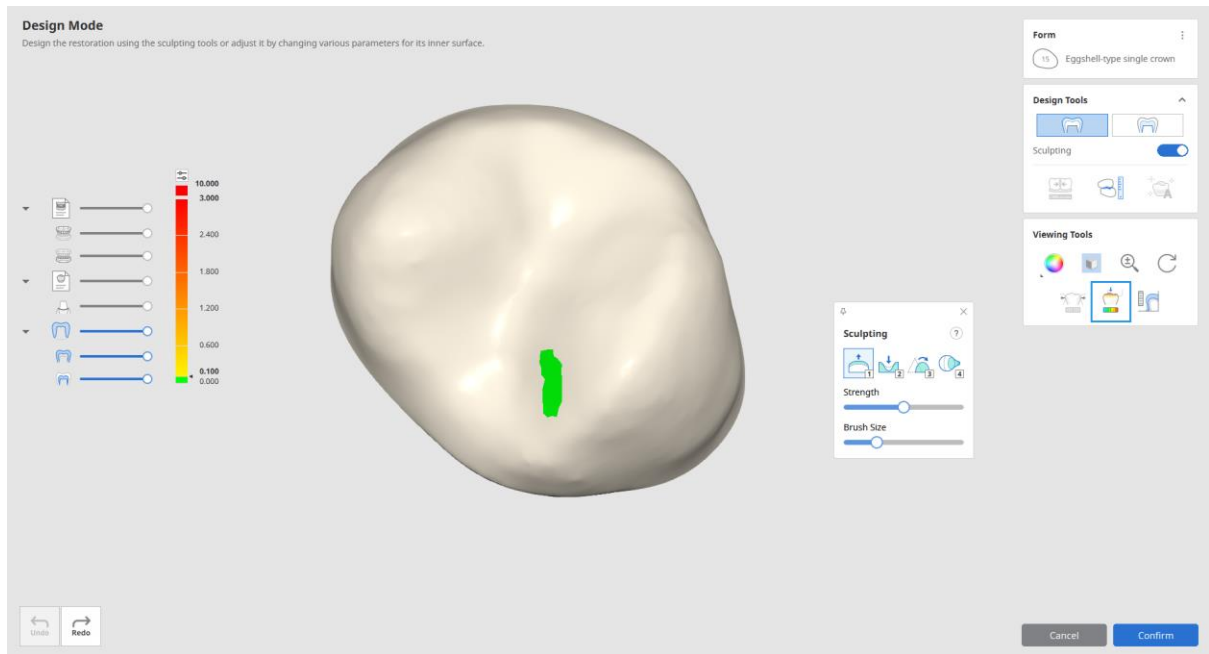
- ② Sculpt and mold the restoration. Add, remove, smooth, or morph the material. Adjust the brush size and strength for each of the tools. Sculpting is enabled automatically when entering Design Mode.



- ③ Using Quick Settings in Quick Mode is enough for most cases. If both “Fit to Adjacent” and “Fit to Antagonists” toggles are on, the contact points are matched, and the occlusion is low. If you did not use these options or want to do more editing manually, Design Mode offers tools for additional design.
- ④ Click “Adapt to Antagonists” to modify the restoration to fit the antagonists by removing overlapping parts.



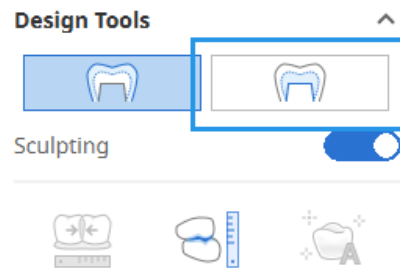
- ⑤ Turn on “Show/Hide Contact Areas with Antagonists”  in the Viewing Tools to see if there are parts to remove.



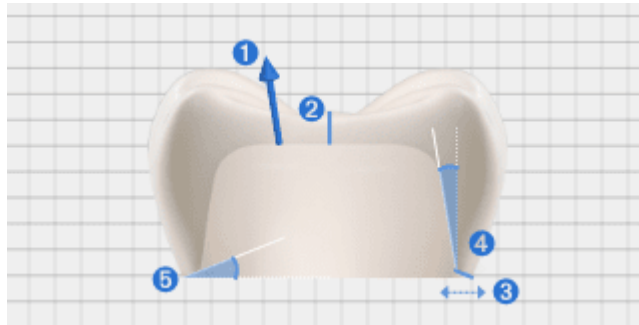
- ⑥ Click “Adapt to Antagonists.” Use the slider or manually enter the desired distance from the restoration to its antagonists. Then click “Adapt.”
- ⑦ Use the sculpting tools to add more material on the mesial/distal sides if needed.

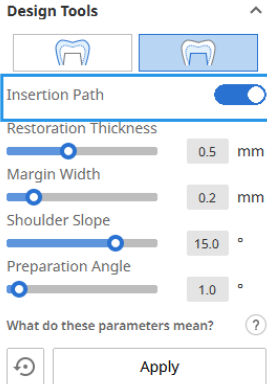
## 5.2.2 Designing the Inner Surface

Eggshell-type crowns are designed before the preparation process. Still, it is important to create the inner surface that will fit the prepared tooth properly. The Design Tools located on the right side of the screen contain functions that adjust the inner surface of the restoration.

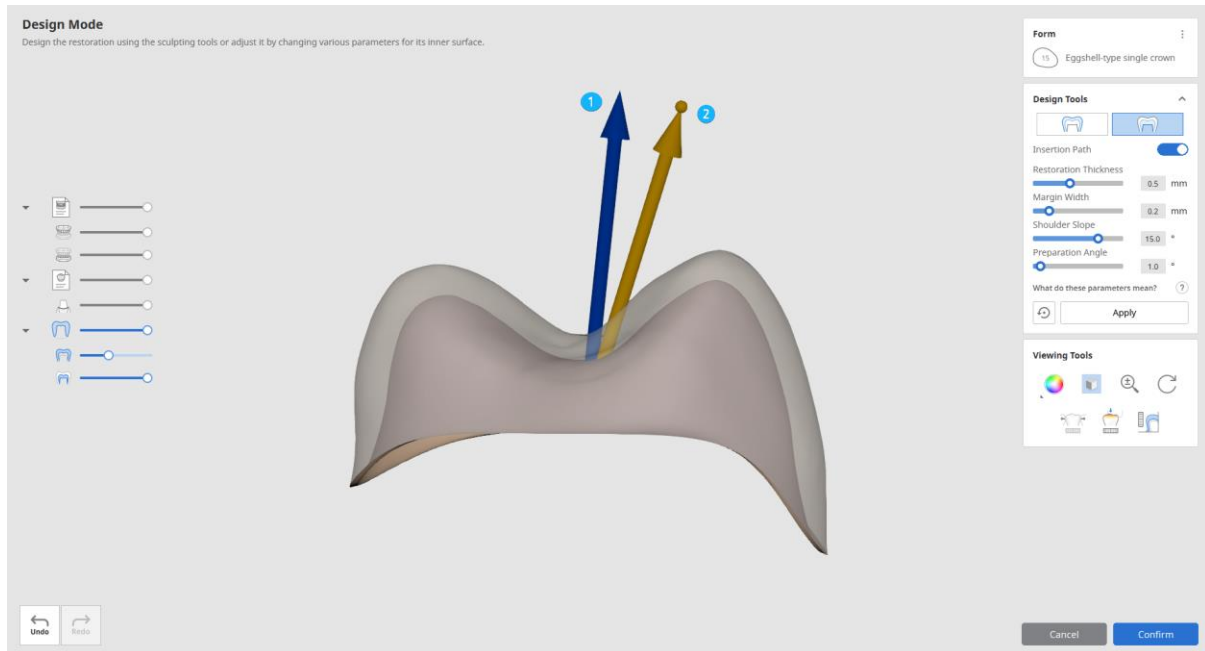


In the Eggshell Module you can adjust the following parameters:





1	Restoration Thickness	The thickness of the final restoration that best reflects your 3D printer/milling machine settings.
2	Insertion Path	<p>The angle from which you insert the restoration. The insertion path is shown by default. Turn the toggle off in the Toolbox to turn off.</p> 
3	Preparation Angle	The angle from which the preparation takes place.
4	Margin Width	The width of the restoration's margin line.
5	Shoulder Slope	The angle of the preparation shoulder.

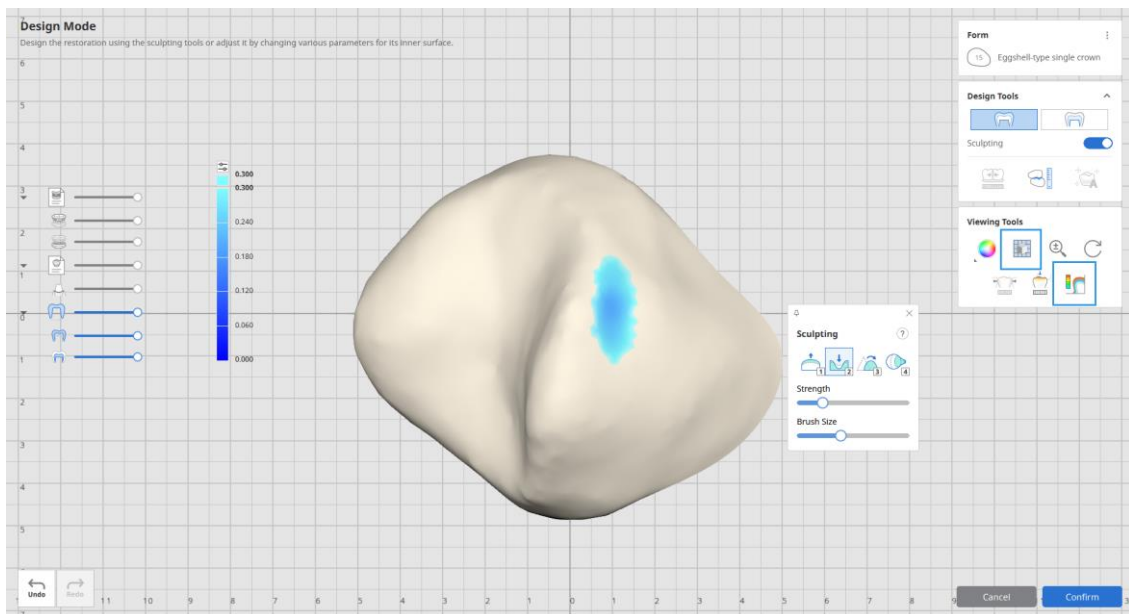
If needed, adjust the insertion path by dragging the arrow in your desired direction. The program's automatically calculated insertion path will remain blue (1), while the insertion path you manually adjusted will be displayed in gold (2).





Note that in some cases, changing the insertion path will also change the thickness of the restoration. Using “Grid Settings”  or “Show/Hide Minimum Thickness”  will show you how the changes you made affect the thickness of the restoration. Minimum Thickness can be customized in the Settings. Make sure there are no areas in deep blue color – those areas might be prone to breaking during 3D printing or milling.

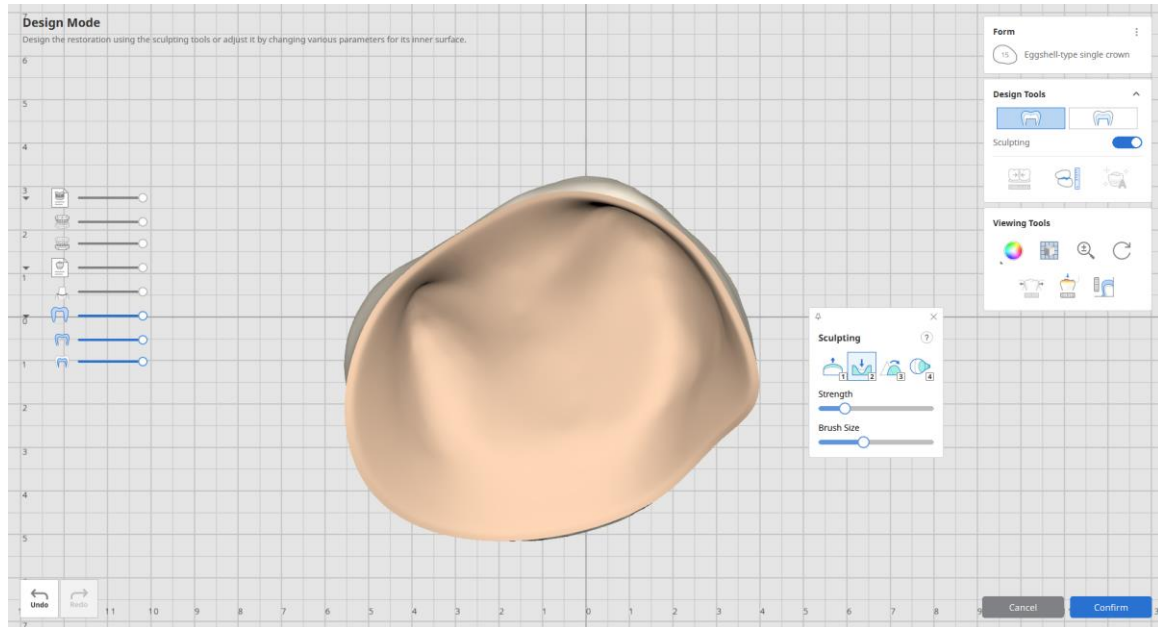
Minimum thickness, set as the standard, can be customized in the Settings.



- ① Click “Apply” in the Toolbox to apply the changes.
- ② Click “Reset” to reset the values.
- ③ You can switch back and forth between the inner and outer surface settings.
- ④ Once you are done, click “Confirm” to exit Design Mode.




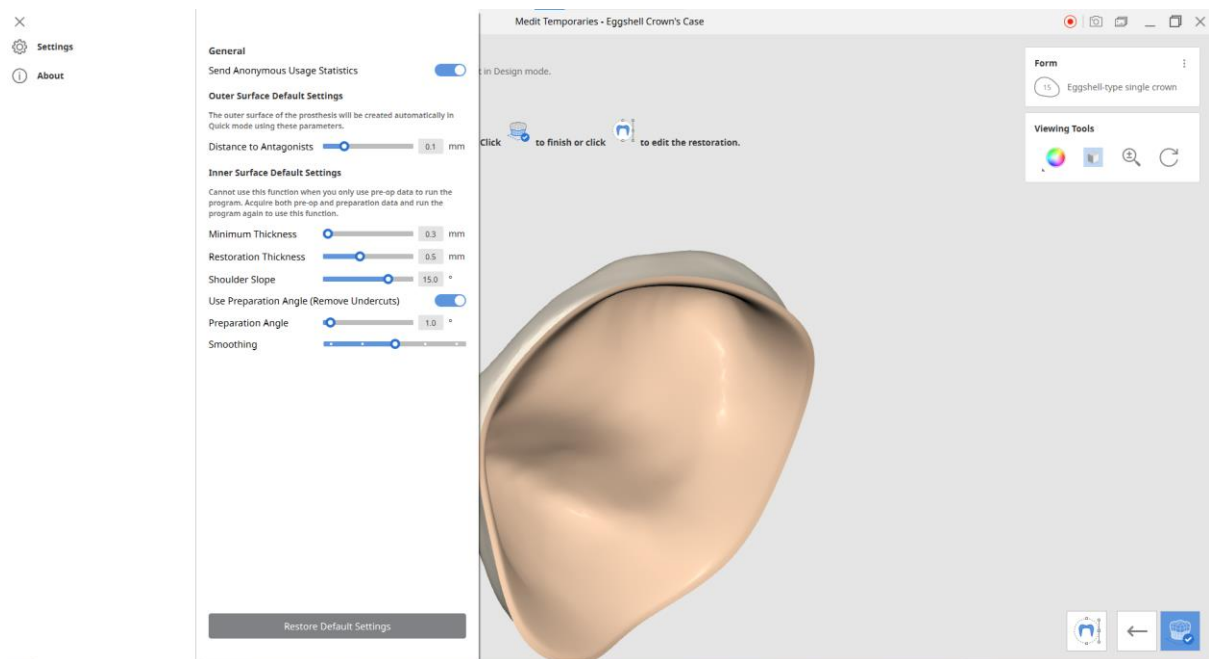
Note that the inner surface of the restoration in eggshell-type crowns is synchronized to reflect the changes you made to the outer surface.



## 5.3 How to Utilize Settings in Eggshell Module


Creating a restoration in Quick Mode alone is possible because Medit Temporaries uses pre-set parameters. The parameters are all adjustable in program Settings.

- ① In program Settings, click  at the top left corner of the screen.



- ② Adjust pre-set parameters to suit your needs. The changes are applied to Quick Mode only.

Here is the list of the available settings:

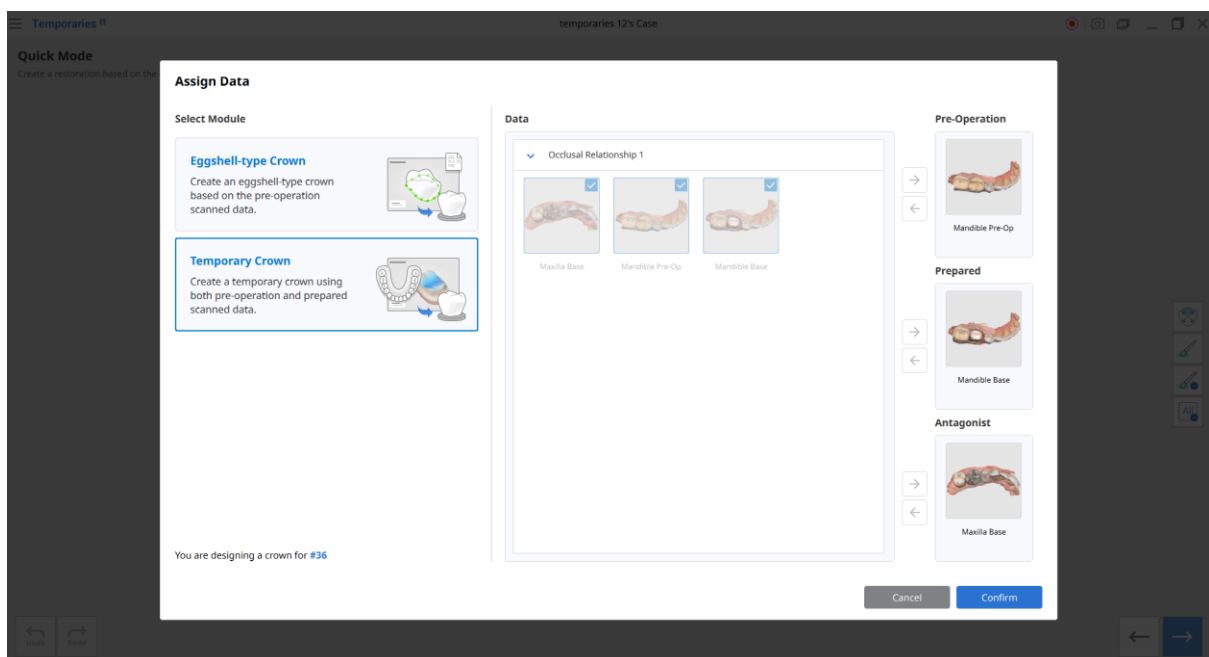
Setting	Description	Default	Range
<b>General</b>			
Send Anonymous Usage Statistics	Set whether to send anonymous usage statistics to Medit.	-	-
<b>Outer Surface – Default settings</b>			
Distance to Antagonist	The distance at which the intersections to antagonist will be cut.	0.1 mm	0.1 mm – 1mm
<b>Inner Surface – Default Settings</b>			
Minimum Thickness	Set the minimum thickness of the restoration below which you will not be able to sculpt. Check your printer settings to set this parameter right.	0.3 mm	0.3 – 0.7 mm
Restoration Thickness	The thickness of the restoration (on average). Check your printer settings to set this parameter right.	0.5 mm	0.4 – 0.8 mm
Shoulder Slope	The angle of the preparation shoulder.	15°	-30° – 30°
Use Preparation Angle	Use this toggle if you would like to use the preparation angle parameter. This parameter is what allows you to get rid of the undercuts.	ON	ON/OFF
Preparation Angle	The angle from which the preparation takes place.	1.0°	0° – 30°
Inner Surface Smoothing	Choose how smooth you would like the inner surface to be.  Note that generally this depends on your 3D printer or milling machine. We recommend making the surface smoother by default especially when using milling machines.	-	-

## 6 How to Design Temporary Crowns (Pre-Op Data + Preparation Data)

### 6.1 How to Design Temporary Crowns in Quick Mode



Design a temporary crown that fits the prepared surface of the tooth using pre-operation data and prepared data.

- ① Choose “Temporary Crown” in the Assign Data dialogue window.
- ② Assign data and click “Confirm.”



- ③ Check Quick Settings located at the top right corner of the screen. Using Quick Settings helps decrease the time spent on manual editing of the restoration.

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	Fit to Antagonists	Use this option to remove all overlapping restoration and antagonist areas (0.2 mm). You can perform more precise adjustments in Design Mode by entering a specific value.
	Fit to Adjacent	Use this option to fit the outer surface to the adjacents: If pre-operation data has overlapping areas, they will be cut; if pre-operation data lacked contact points with adjacents, they will be automatically added.  Make more precise adjustments in Design Mode by entering a specific value.

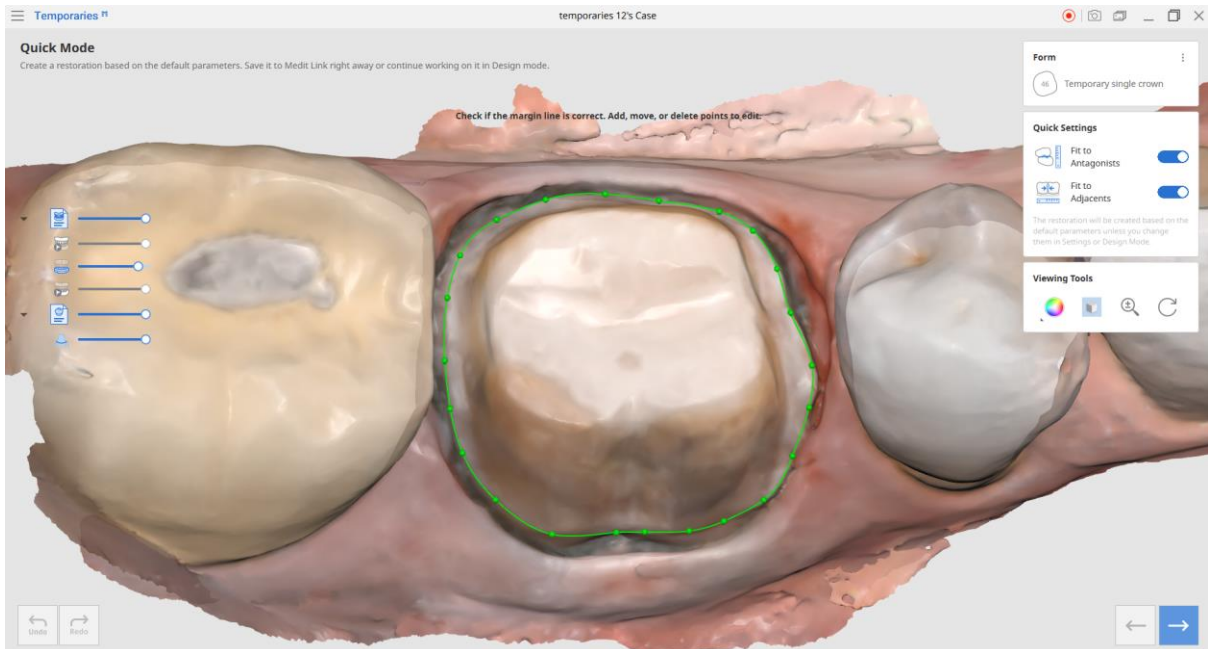
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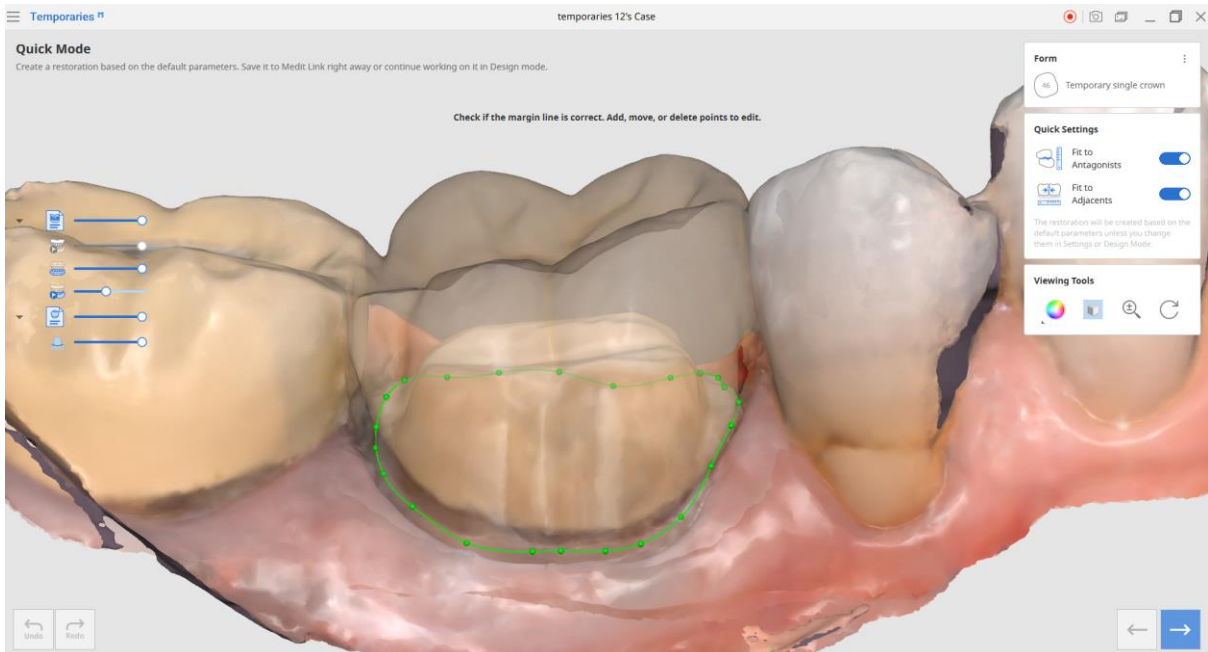
The restoration will be created based on default parameters unless you change them in Settings or Design Mode.

### 6.1.1 Utilize the Margin Line Imported from Medit Scan for Clinics

- ① On application launch, the prepared scan data will be displayed. If you already created a margin line for the prepared tooth in Medit Scan for Clinics, it will be displayed on the scan data right away.

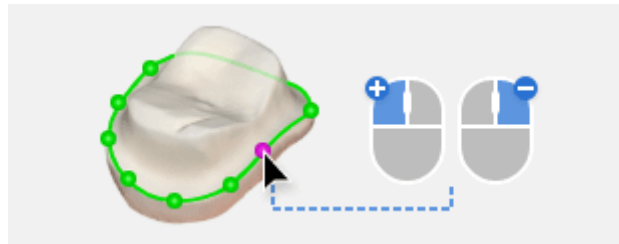


To see pre-operation data together with prepared data, change the settings in Data Tree.

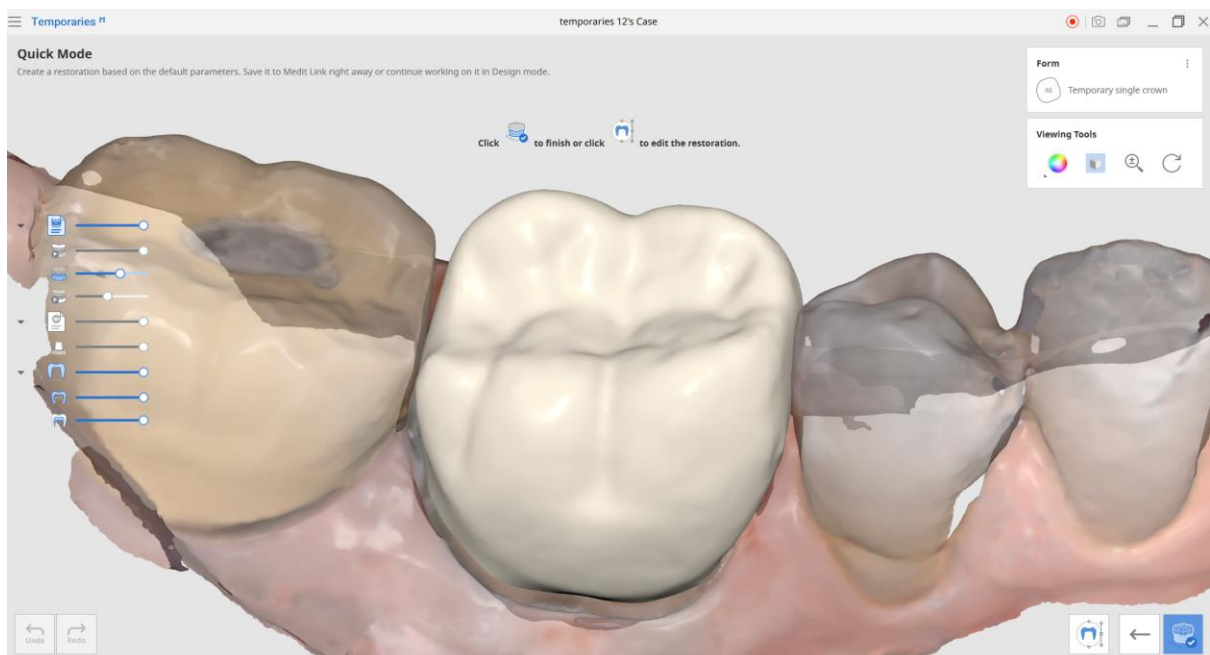


② Examine the margin line.

③ Add or delete points using your mouse. Left-click to add points, right-click to delete points.

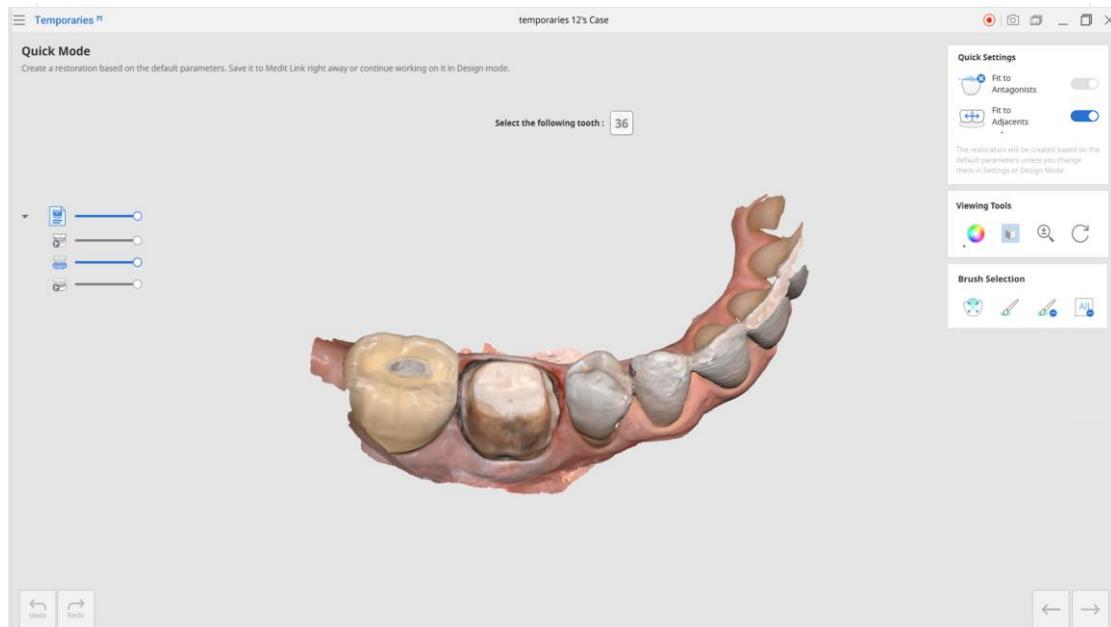


④ Click “Next” to see the completed restoration when everything is completed.

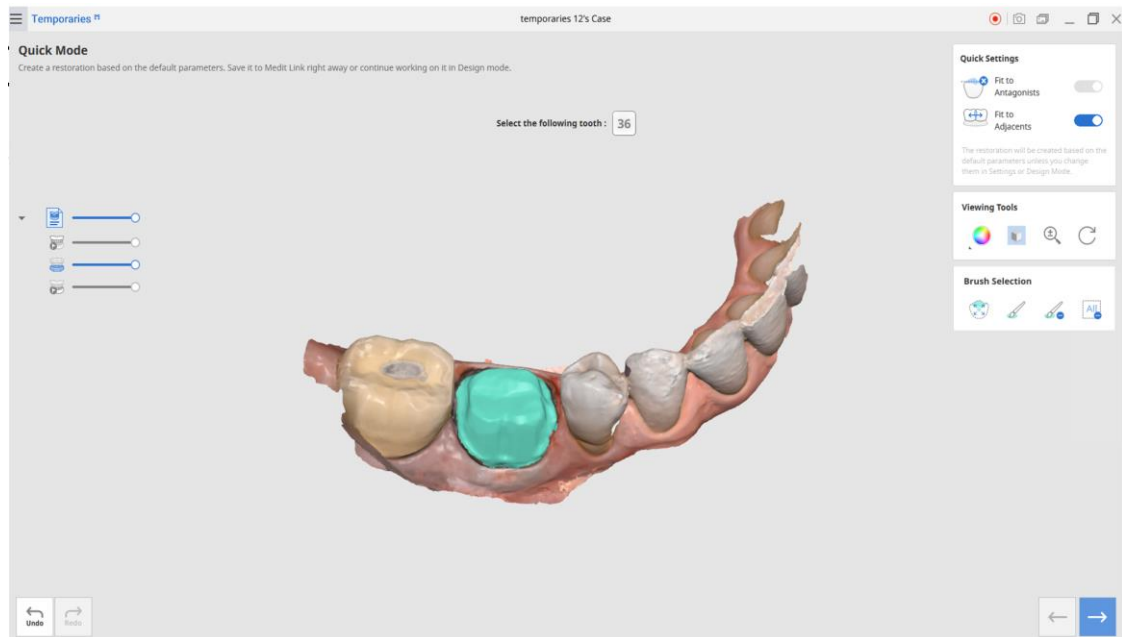


## 6.1.2 Create Margin Line in Medit Temporaries

- ① If you have not yet created a margin line for the prepared tooth in Medit Scan for Clinics, you can draw it in Medit Temporaries.
- ② Upon launch of the program, you will be asked to choose the tooth you are creating a crown for.



③ Click to select the prepared tooth first, then click “Next.”



If needed, use various Area Selection Tools located on the right side of the screen.



Smart Single Tooth Selection

Automatically select the area of the tooth. Click and drag the mouse on the tooth.



This function is automatically enabled during this step of the process.



Brush Selection

Select the area using a brush.



Brush Deselection

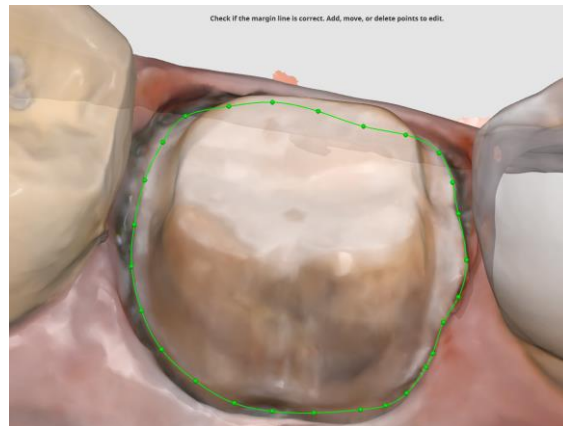
Deselect the area using a brush.



Clear All Selection

Clear all selection.

④ A margin line will be created.





⑤ Add or delete points by using your mouse. Left-click to add points, right-click to delete points.

⑥ When editing is completed, click "Next" to see the completed restoration.



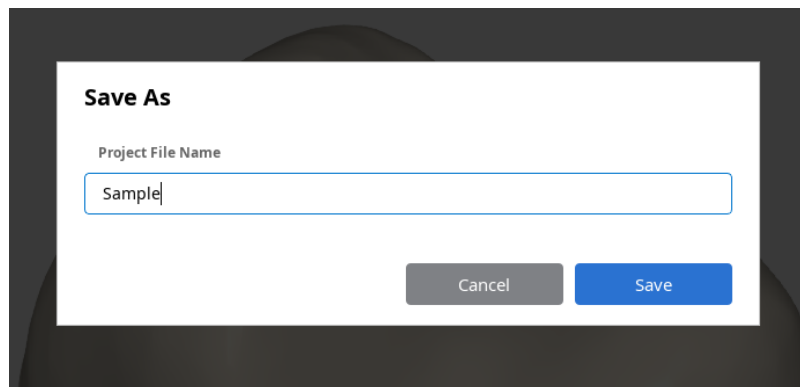
- ⑦ Save it to your Medit Link case or continue working on it in Design Mode. The following buttons are located at the bottom right corner of the screen.

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	Design Mode	Utilize various tools to design the outer and inner surfaces of the restoration before saving it to Medit Link.
	Complete	Complete the design process and save the restoration to Medit Link.

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- ⑧ Click “Complete” to save the restoration and project file to Medit Link.

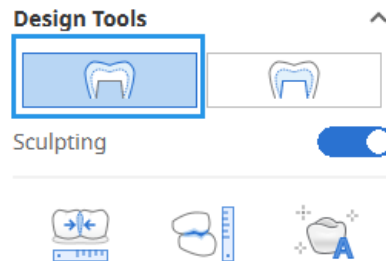


## 6.2 How to Design Temporary Crowns in Design Mode

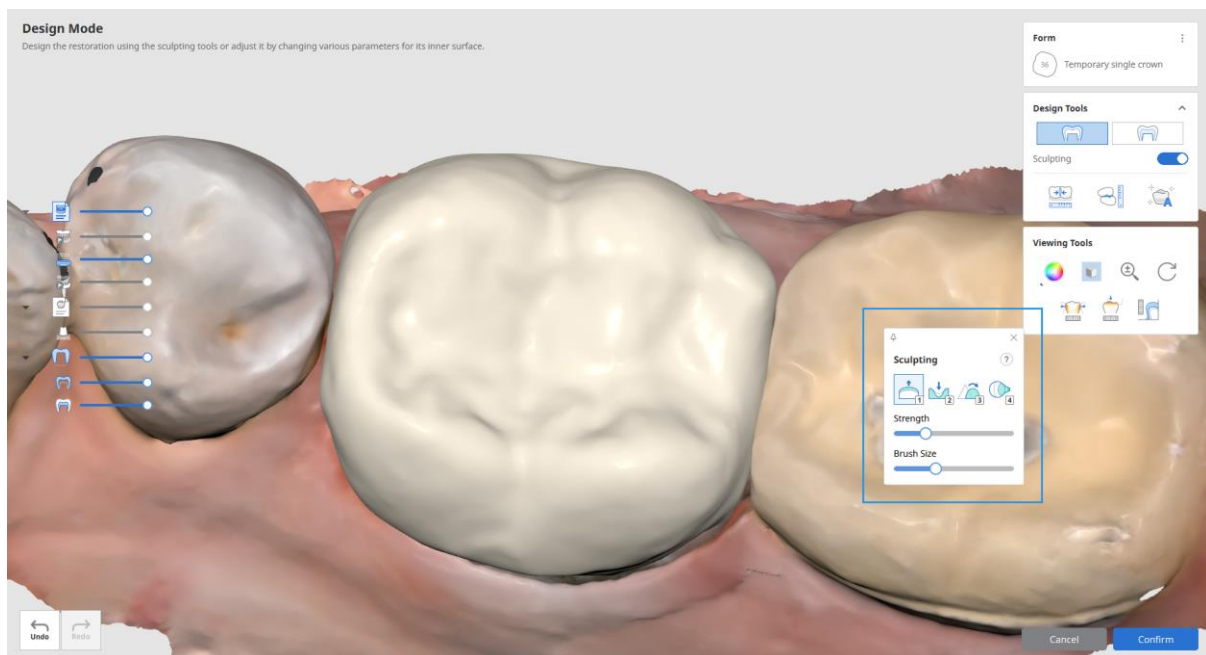
Use the sculpting tools to design the restoration. Adjust various parameters for its inner surface.

### 6.2.1 Designing the Outer Surface

- ① The Design Tools on the right side of the screen offer features to alter the outer surface of the restoration.

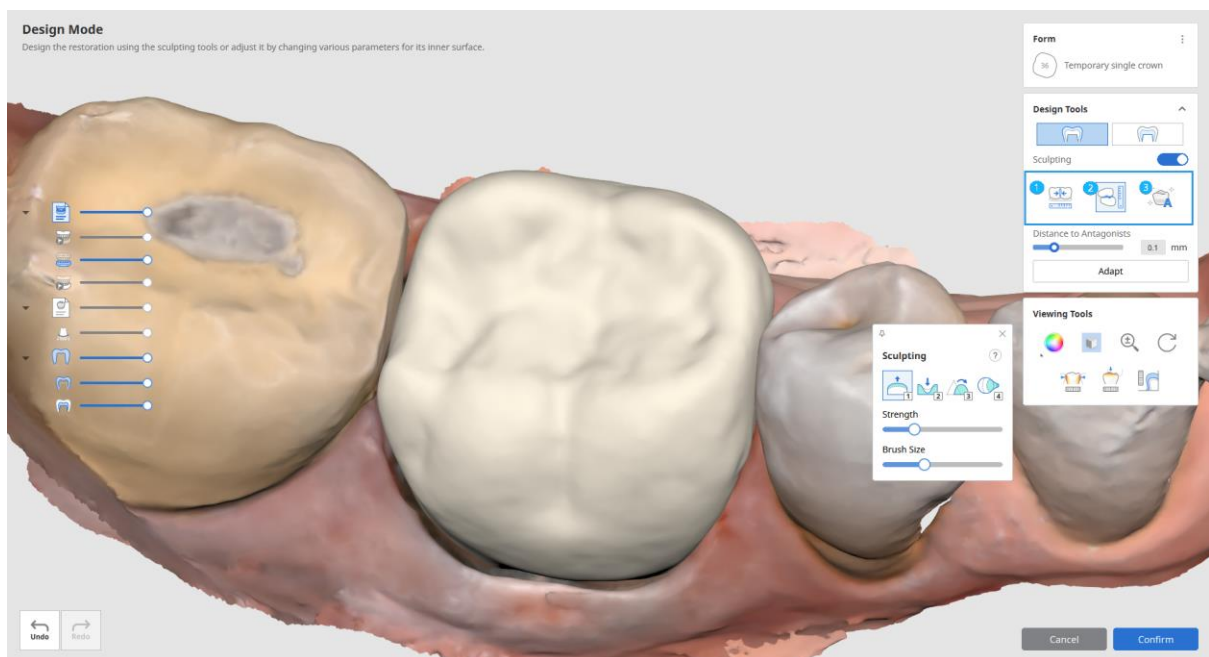




- ② Sculpt and mold the restoration. Add, remove, smooth, or morph the material. Adjust brush size and strength for each of the tools. When entering Design Mode, sculpting is enabled automatically.



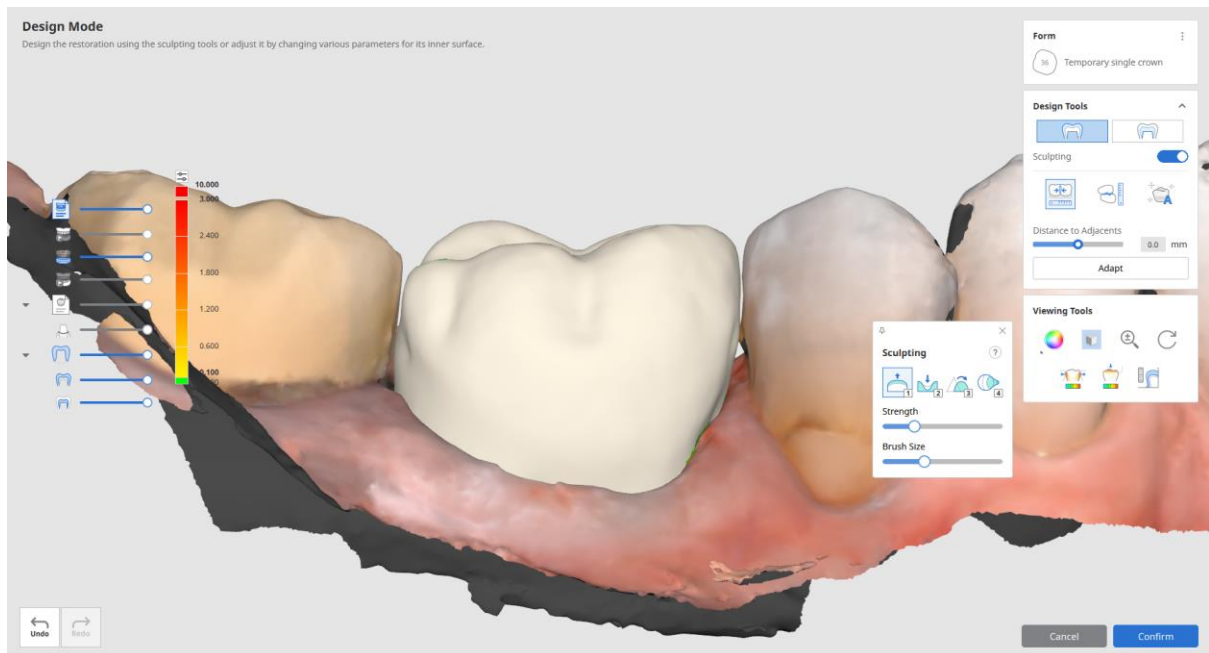
While designing, make pre-operation data visible in the Data Tree to refer to the original shape of the tooth.

- ③ Using Quick Settings in Quick Mode is enough for the majority of cases: if both “Fit to Adjacent” and “Fit to Antagonists” toggles are on, the contact points are matched. If you did not use these options or want to do more editing manually, Design Mode offers tools for additional design.
- ④ You can change the shape of the restoration by removing the overlapping areas with antagonists and/or adjacents, and by expanding the restoration to make sure there are no spaces between the teeth. To do so, use adaptation tools such as adjacent adaptation (1), occlusal adaptation (2), or both simultaneously (the “Smart Adaptation” function (3)). Enter the desired distance of the restoration to the adjacents/antagonists and click “Adapt.”

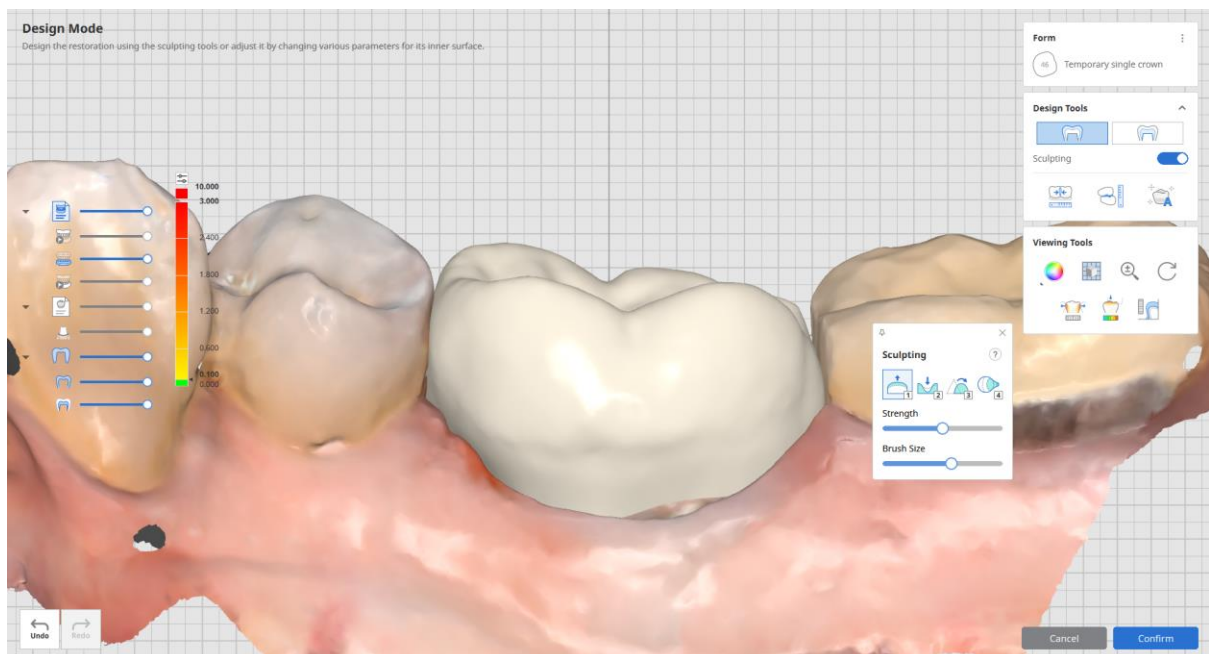


- Turn on “Show/Hide Contact Areas with Antagonists”  and “Show/Hide Contact Areas with Adjacents”  in the Viewing Tools to examine which parts should be removed.

- Click on “Adapt to Adjacents.” Use the slider or enter the distance from the restoration to the adjacents manually. If you choose a negative value, the restoration will expand. If you choose a positive value, the overlapping areas of restoration and adjacent will be removed.

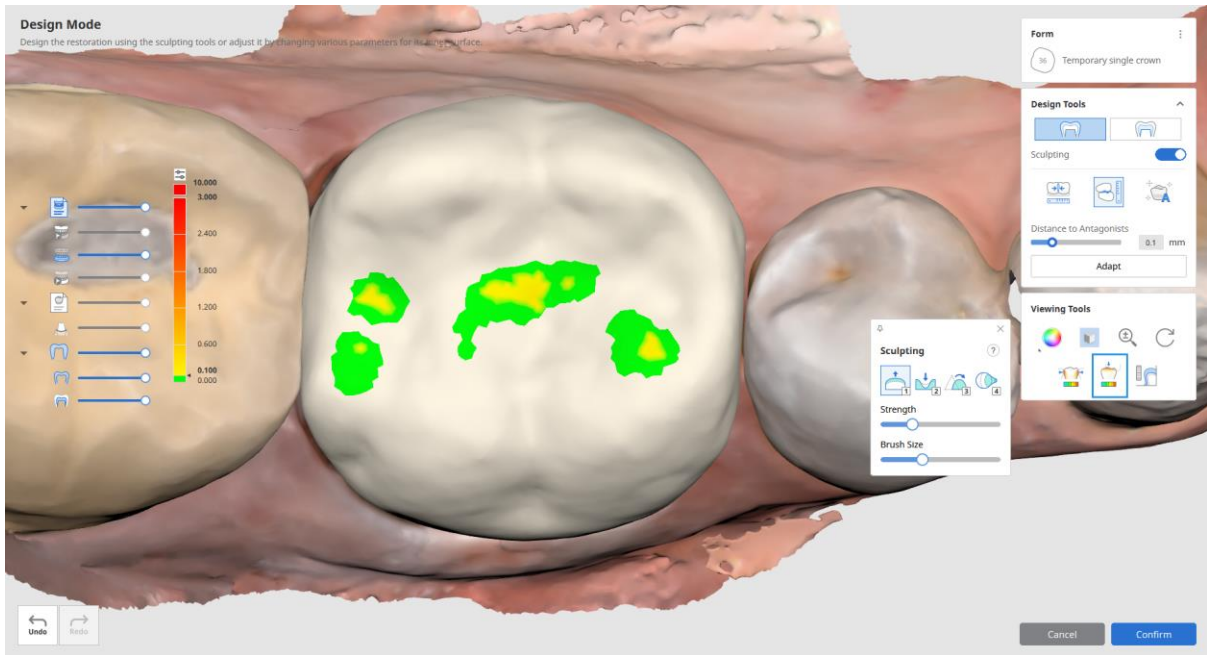


< Before performing adjacent adaptation >

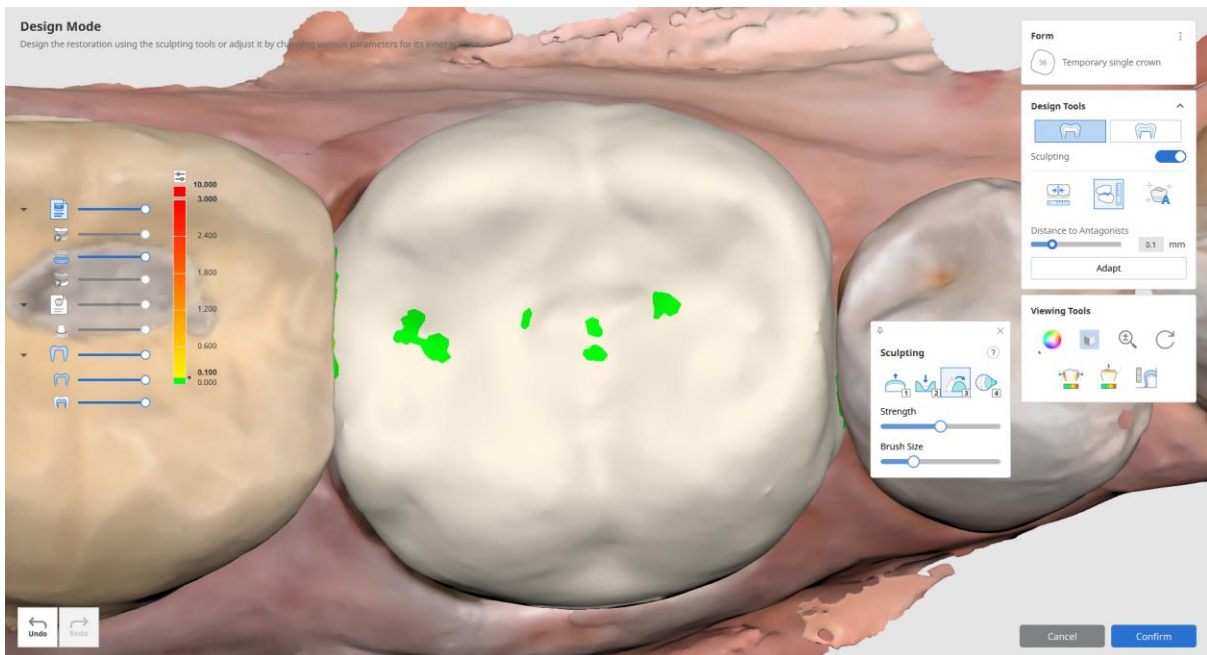


< After performing adjacent adaptation >

- Click on “Adapt to Antagonists.” Use the slider or enter the distance from the restoration to its antagonists to remove all overlapping areas.

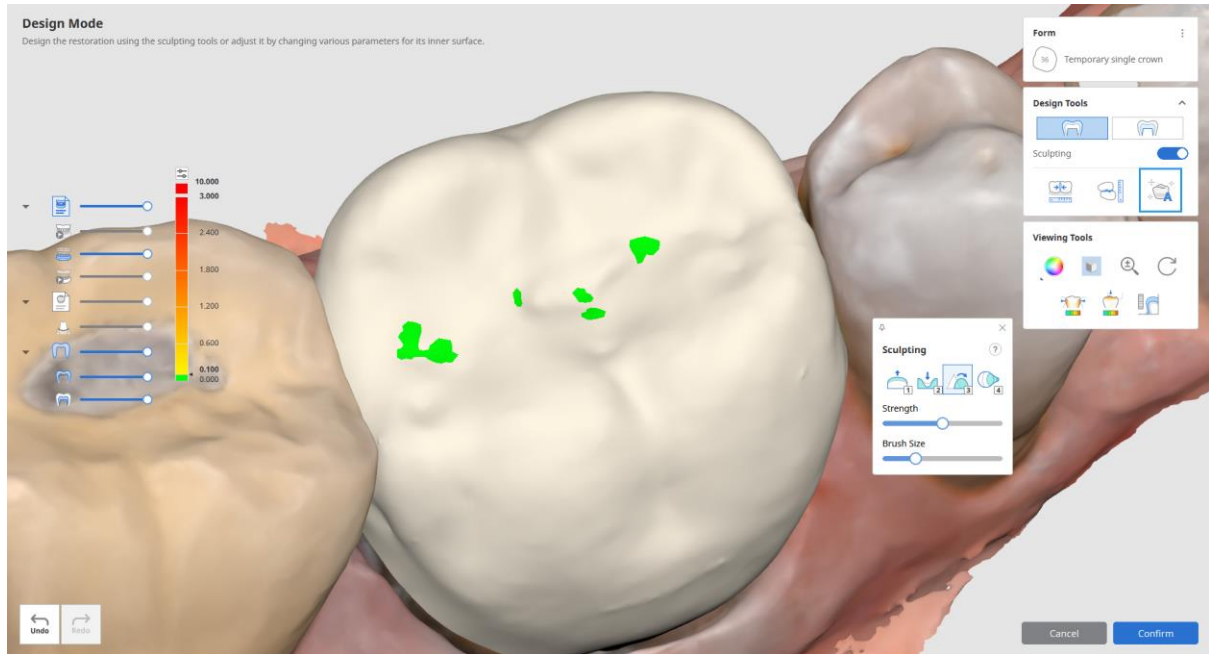


< Before performing antagonist adaptation >





< After performing antagonist adaptation >

- Click “Smart Adaptation” to adapt the restoration to its adjacents and antagonists at the same time using our recommended values (0.0 mm for adjacents and 0.1 mm for antagonists) to create an optimal shape. This option is recommended for those who are new to CAD programs.

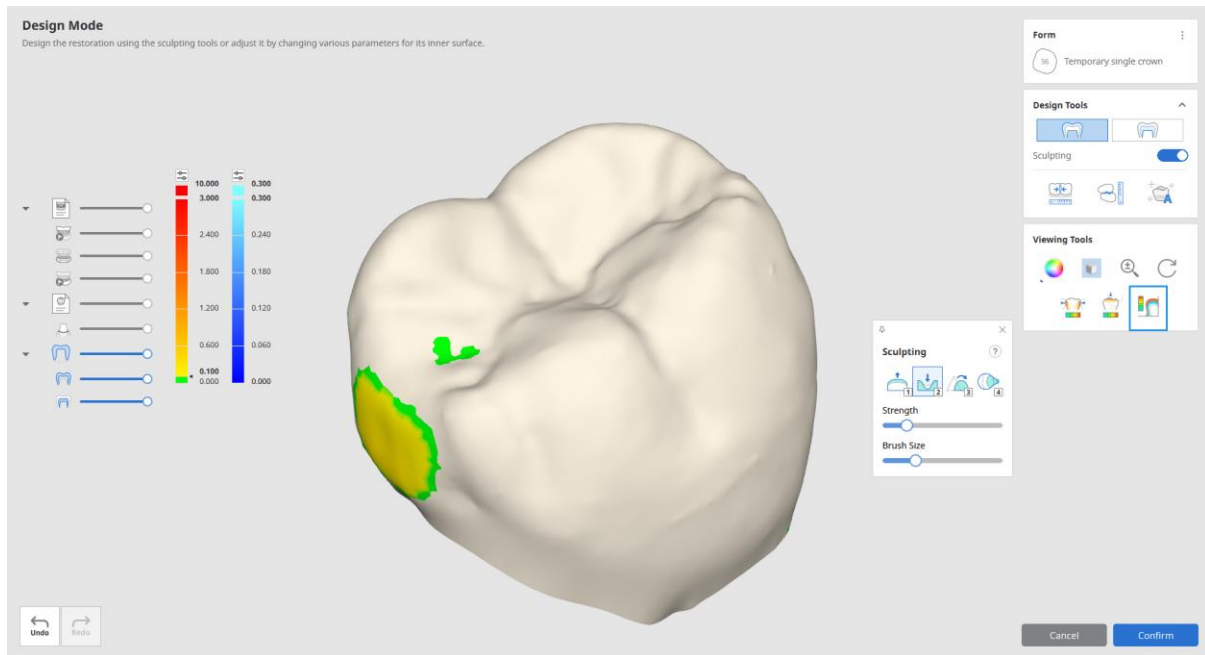




Before finishing the design, make sure to utilize the “Grid Settings”  or “Show/Hide

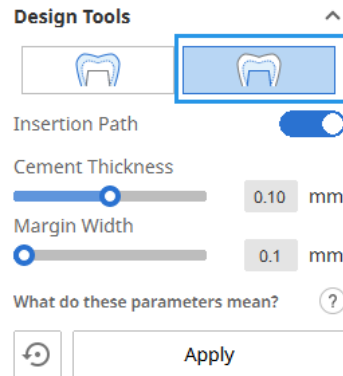
Minimum Thickness”  functions to see how the changes you made affected the thickness of the restoration. Make sure there are no areas in deep blue color; those areas might be prone to breaking during 3D printing or milling.

Minimum thickness, set as the standard, can be customized in the Settings.

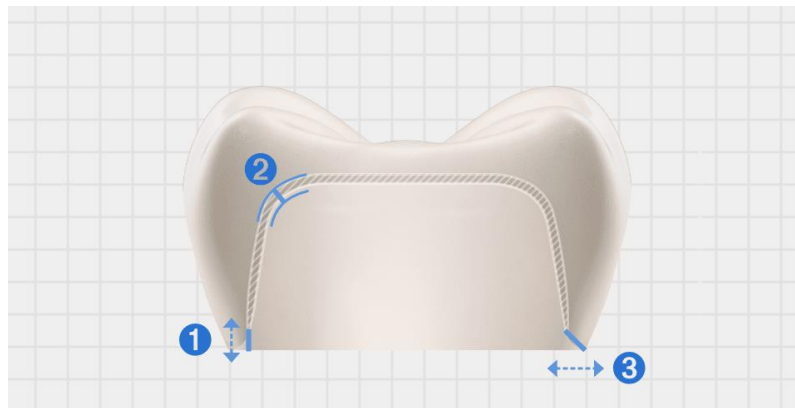


## 6.2.2 Designing the Inner Surface

- ① The Design Tools located on the right side of the screen contains helpful functions to adjust the inner surface of the restoration.



- ② In the Temporary Module, you can adjust the following parameters:



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1	Cement Starting Point	The cement starting point above the margin line where cement will be applied to the prepared tooth. *This parameter is adjustable in program Settings.
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2	Cement Thickness	The thickness of the cement layer applied to the prepared tooth.
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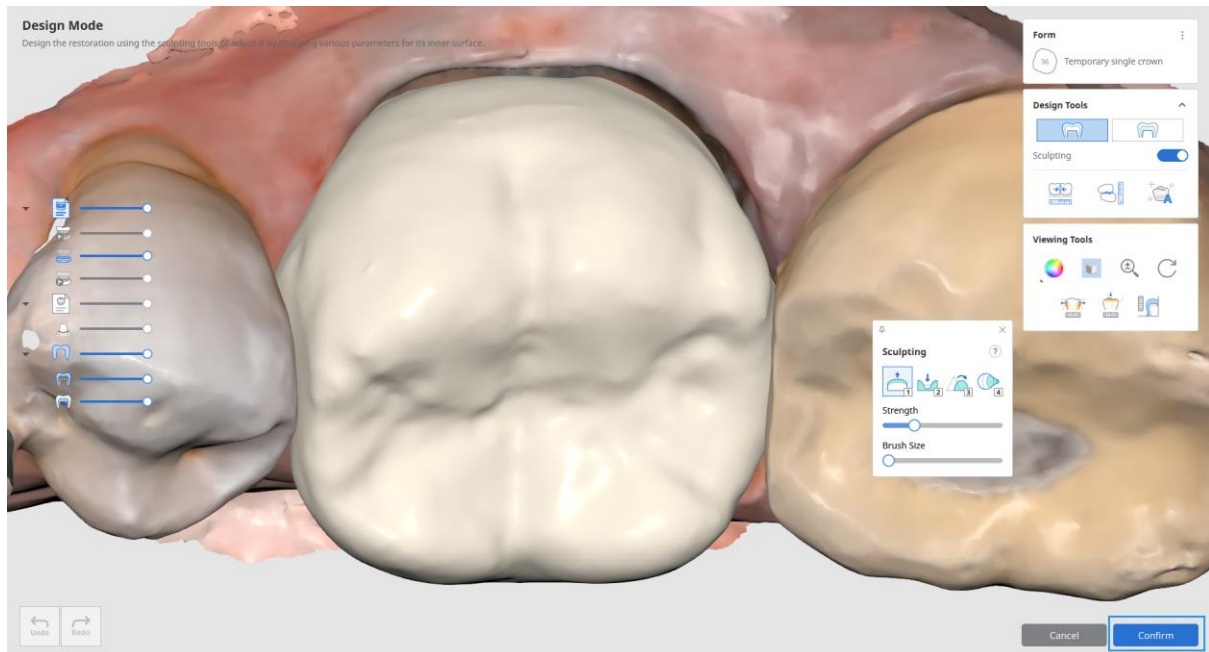
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3	Margin Width	The width of the restoration's margin line.
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- ③ Click “Apply” in the Toolbox to apply the changes.
- ④ Click “Reset” to reset the values.

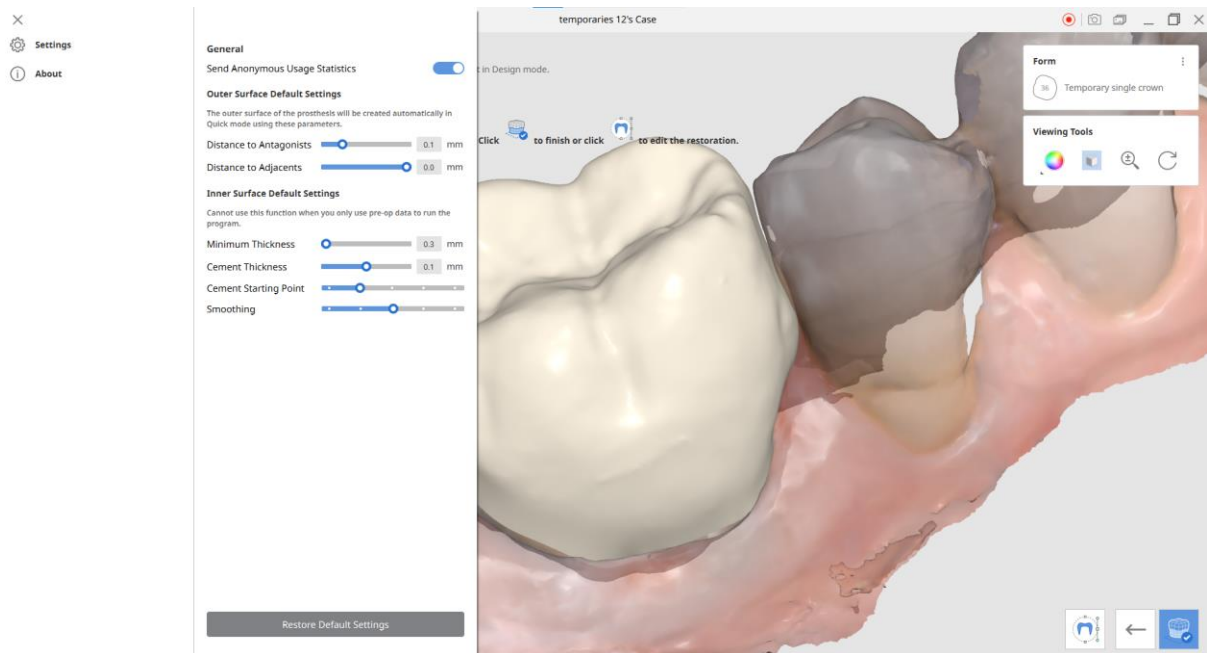
- ⑤ You can switch back and forth between the inner and outer surface settings.
- ⑥ Once you are done, click “Confirm” to exit Design Mode.



## 6.3 How to Utilize Settings in Temporary Module


The reason finishing full design in Quick Mode alone is possible is since Medit Temporaries uses several pre-set parameters. All of them are adjustable in program Settings.

- ① Go to program Settings. Press  button at the top left corner of the screen.



- ② Adjust all the pre-set parameters. The changes will be applied straight away. The changes are applied to Quick Mode only.

Here is the list of the available settings:

Setting	Description	Default	Range
<b>General</b>			
Send Anonymous Usage Statistics	Set whether to send anonymous usage statistics to Medit.	-	-
<b>Outer Surface – Default settings</b>			
Distance to Antagonists	The distance from the restoration to its antagonists. All overlapping areas will be removed.	0.1 mm	0.1 mm – 1 mm
Distance to Adjacents	The distance from the restoration to its adjacents. Negative value: Overlapping areas will be created. Positive value: All overlapping areas will be removed.	-0.02 mm	-0.1 mm – +1 mm
<b>Inner Surface – Default Settings</b>			
Minimum Thickness	Set the minimum thickness of the restoration below which you will not be able to sculpt. Check your printer settings to set this parameter right.	0.3 mm	0.3 – 0.7 mm
Cement Thickness	The thickness of the cement layer over the prepared tooth.	0.1	0 mm – 0.2 mm
Cement Starting Point	The point, counted from the margin line, from which cement will be applied to the prepared tooth.	-	-
Inner Surface Smoothing	Choose how smooth you would like the inner surface to be.  Note that generally this depends on your 3D printer or milling machine. We recommend making the surface smoother by default especially when using milling machines.	-	-